



**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

**ADDRESS** : 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong  
**地址** : 香港新界大埔全安路十一號C座一樓

**ENQUIRY** : Ms CHAN Kit Man  
**查詢** : 陳潔文女士

**TELEPHONE** : 2689 2659  
**電話**

**FAX** : 2144 1796  
**傳真**

**E-MAIL** : [chankm5@ha.org.hk](mailto:chankm5@ha.org.hk)  
**電郵**

**CLIENTELE** : Public hospitals  
**服務對象** : 公營醫院

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

**ADDRESS 地址** : 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong  
**Main Facility:** 香港新界大埔全安路十一號C座一樓

- (i) Anatomical Pathology Laboratory
- (ii) Chemical Pathology Laboratory
- (iii) Clinical Microbiology and Infection Laboratory
- (iv) Haematology Laboratory and Blood Bank
- (v) Emergency Laboratory

B2/F, Block F, 11 Chuen On Road, Tai Po, New Territories, Hong Kong  
香港新界大埔全安路十一號 F 座低層二樓

- (vi) Mortuary

**Branch Facility:** 2/F, North District Hospital, 9 Po Kin Road, Sheung Shui, New Territories, Hong Kong  
香港新界上水保健路九號北區醫院二樓

- (i) Anatomical Pathology Laboratory
- LG1, North District Hospital, 9 Po Kin Road, Sheung Shui, New Territories, Hong Kong  
香港新界上水保健路九號北區醫院低層一樓
- (ii) Mortuary

**LABORATORY DIRECTOR** : **Pathologist Director 病理學主管:**  
**化驗所主管** Dr Renee Constance CHEONG Yue-kew  
張裕翹醫生  
BSc (Hons), MBBS, MRCP, FRCPath, FHKCPath, FHKAM (Path)

**PATHOLOGIST IN CHARGE OF THE ACCREDITED DISCIPLINE** : Anatomical Pathology 解剖病理學  
**負責認可範疇的病理學專科醫生**

|                                     |            |                 |
|-------------------------------------|------------|-----------------|
| Dr LO Wing-hong                     | 羅永康醫生      | (Full-time 全職)  |
| Clinical Microbiology and Infection | 臨床微生物學及傳染病 |                 |
| Dr CHOW Chi-ying                    | 周芷瑩醫生      | (Consulting 諮詢) |
| Chemical Pathology 化學病理學            |            |                 |
| Dr Jeffery KWOK Sung-shing          | 郭崇聖醫生      | (Consulting 諮詢) |
| Haematology 血液學                     |            |                 |
| Dr Natalie CHAN Pui-ha              | 陳佩霞醫生      | (Consulting 諮詢) |

**ACCREDITED TEST CATEGORY** : **Medical Testing 醫務化驗**  
**認可測試類別**

- Anatomical Pathology 解剖病理學
- Chemical Pathology 化學病理學
- Clinical Microbiology and Infection 臨床微生物學及傳染病
- Haematology 血液學
- Immunology 免疫學
- Medical Genetics (Molecular Genetics) 醫學遺傳學(分子遺傳學)

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Mortuary at Main Facility: B2/F, Block F, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 F 座低層二樓

| <b>MEDICAL TESTING</b>   |  |  |  |
|--|--|--|--|
| <b>DISCIPLINE</b><br>專科範疇  | <b>TEST AREA</b><br><b>OR SAMPLE TYPE</b><br>測試範圍或樣本種類 | <b>SPECIFIC EXAMINATION OR</b><br><b>PROPERTY MEASURED</b><br>特定測試或量度的特性 | <b>METHOD</b><br><b>OR TECHNIQUE USED</b><br>方法或應用技術   |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |  |  |  |
| <b>Anatomical Pathology</b>  | <b>Autopsy</b><br>Adult, fetal and perinatal autopsy   | Autopsy examination by<br>H&E and special staining                       | Autopsy method and specimen preparation and handling: Method as documented in AP-TM-11-01, AP-TM-12-04, AA-TM-21-03<br><br>Routine staining: Method as documented in AA-TM-41-00: Haematoxylin and Eosin staining<br><br>Special staining as in Histopathology |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Anatomical Pathology Laboratory at Main Facility: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong  
香港新界大埔全安路十一號 C 座一樓

**MEDICAL TESTING**

| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類  | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性                            | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術   |
|--|---|---|--|
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |   |  |
| Anatomical<br>Pathology  | Cytopathology<br>Gynaecological specimens | Gynaecological cytology examination by<br>Papanicolaou staining                       | Specimen preparation and routine staining (both automated and manual) for:<br>ThinPrep + Papanicolaou staining<br>Method as documented in AA-CM-22-01,<br>AA-CM-32-01, AA-TM-10-00, AA-TM-30-00,<br>AA-TM-40-00<br>Manual screening: Method as documented in<br>AA-TM-51-00, AA-TQ-02-00   |
|  | Non-gynaecological<br>specimens           | Non-gynaecological cytology examination by<br>H&E, Papanicolaou and special staining  | Specimen preparation and routine staining of (both Haematoxylin and Eosin stain, and Papanicolaou stain automated and manual method):<br>Method as documented in AA-TM-10-00,<br>AA-TM-30-00, AA-TM-41-00<br>Special staining (manual method):<br>Method as documented in AA-TM-43-00 and<br>AA-TM-42-02:<br>Differential count by May-Grünwald Giemsa<br>Eosinophil by Haematoxylin and Eosin<br>Haemosiderin by Perls' Prussian Blue<br>Fat-laden macrophages by Oil Red O<br>Method as documented in AA-TM-32-09<br>Urate crystals by polarization microscopy<br>Method for infectious agents as documented in<br>AA-TM-43-46, AA-TM-46-03:<br>Acid-fast-bacilli by Ziehl-Neelsen<br>Fungi by Grocott's Methenamine Silver<br>Pneumocystis carinii by Grocott's Methenamine<br>Silver |
|  | Fine needles aspirates                    | FNA cytology examination by<br>H&E, Papanicolaou and May-Grünwald-<br>Giemsa staining | Specimen collection, preparation and routine staining (both automated and manual method) by method as documented in AA-CM-22-02, AA-TM-32-04, AA-TM-33-05, AA-TM-41-00:<br>Haematoxylin and Eosin stain<br>Papanicolaou stain<br>May-Grünwald-Giemsa stain   |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Anatomical Pathology Laboratory at Main Facility: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong  
 香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |  |  |   |
|--|--|--|---|
| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類                                 | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性 | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術  |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |  |  |   |
| Anatomical<br>Pathology<br>(cont'd)  | <b>Histopathology</b><br>Surgical pathology and<br>cytological specimens | Histology examination by<br>H&E and special staining       | Specimen preparation, with Haematoxylin and Eosin staining: Method as documented in AA-TM-10-00, AA-TM-20-00, AA-TM-41-00, and AA-TM-52-00<br>Special staining (manual method):<br>Mast cells by Chloroacetate esterase (Pararosanilin): Method as documented in AA-TM-44-05<br>For infectious agents and other tissue components:<br>Methods as documented in AA-TM-43-00:<br>Acid fast bacilli by Ziehl Neelsen<br>Acidic and neutral mucins by<br>Alcian blue – Periodic Acid Schiff (pH2.5)<br>Amyloid by Congo red (Highman)<br>Amyloid by Crystal violet (Hucker & Conn)<br>Axon, nerve endings, neurofibrillary tangles, neurotic plaques by Bielschowsky's silver<br>Basement membrane by Periodic Acid Silver Methenamine (Gomori's PASM)<br>Bile pigment by Fouchet technique<br>Calcium salts by Alizarin red S - calcium deposits<br>Calcium salts by Von Kossa<br>Collagen and muscle by Masson trichrome<br>Copper by Rhodamine stain<br>Copper by Rubeanic acid<br>Elastic fibres by Victoria blue<br>Ferric iron by Perl's Prussian blue<br>Fibrin by Martius-Scarlet-Blue<br>Glycol groups by Periodic Acid Schiff<br>Gram positive and negative organisms by modified Gram technique<br>Helicobacter pylori by modified Giemsa<br>Hepatitis B affected cells, elastin by Shikata Orcein<br>Lipofuscin by Long Ziehl Neelsen<br>Mast cell granules by Toluidine Blue (Acidified)<br>Melanin, argentaffin, chromaffin cells by Schmorl<br>Melanin, lipofuscin, argentaffin, chromaffin cells by Masson-Fontana silver<br>Mucin, capsule of Cryptococcus neoformans by Southgate's mucicarmine<br>Mucins by Alcian blue (pH 2.5) – hyaluronidase digestion |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Anatomical Pathology Laboratory at Main Facility: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong  
 香港新界大埔全安路十一號 C 座一樓

**MEDICAL TESTING**

| DISCIPLINE<br>專科範疇  | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類  | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性   | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術   |
|---|---|--|--|
| <p style="text-align: center;"><b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b></p> |   |  |  |
| <p><b>Anatomical Pathology</b><br/>(cont'd)</p>   | <p><b>Histopathology</b> (cont'd)<br/>Surgical pathology and cytological specimens (cont'd)</p> <p>Intra-operative frozen section for fresh tissue specimens and biopsies</p> | <p>Histology examination by<br/>H&amp;E and special staining (cont'd)</p> <p>Histology examination by<br/>H&amp;E staining</p> | <p>Special staining (manual method) (cont'd):<br/>           Mycobacteria (<i>M. leprae</i>) by Wade Fite<br/>           Myelin sheath by Solochrome cyanine<br/>           Myelin, Nissl substance by Luxol fast blue<br/>           Nemaline rods, myofilaments and connective tissue by Gomori one step trichrome pH 3.4<br/>           Nerve fibres, argyrophilic substance by Bodiens's method (modified)<br/>           Nissl substance by Cresyl fast violet<br/>           Periodate reactive carbohydrates by Periodic Acid Schiff digestion<br/>           Pneumocystic carini, fungi by Grocott hexamine silver technique<br/>           Reticulin by Gordon &amp; Sweet's technique<br/>           Spirochaetes, Helicobacter by Warthin Starry<br/>           Sulphated mucin, hyaluronic acid and sialidase – labile sialomucin by Alcian blue (pH2.5, pH3.2, pH1.0, pH0.5, pH0.2)<br/>           Unsaturated hydrophobic lipid by Oil red O</p> <p>Specimen preparation and Haematoxylin and Eosin staining: Method as documented in AA-TM-10-00, AA-TM-25-01, AA-TM-41-00, AA-TM-52-00</p> |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Anatomical Pathology Laboratory at Main Facility: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong  
 香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |   |  |  |
|--|---|--|--|
| <b>DISCIPLINE</b><br>專科範疇  | <b>TEST AREA</b><br><b>OR SAMPLE TYPE</b><br>測試範圍或樣本種類                | <b>SPECIFIC EXAMINATION OR</b><br><b>PROPERTY MEASURED</b><br>特定測試或量度的特性       | <b>METHOD</b><br><b>OR TECHNIQUE USED</b><br>方法或應用技術   |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |  |  |
| <b>Anatomical Pathology</b><br>(cont'd)  | <b>Histopathology</b> (cont'd)<br>Fresh tissue specimens and biopsies | Histology examination and enzyme histochemistry by<br>H&E and special staining | Specimen preparation and routine Haematoxylin and Eosin staining (manual method): Method as documented in AA-TM-10-00, AA-TM-21-04, AA-TM-41-00<br><br>Special staining (manual method): Method as documented in AA-TM-44-00<br><br>For muscle biopsies:<br>ATPase activity in muscle fibres by Adenosine triphosphatase (ATPase)<br>Sarcoplasmic reticulum mitochondria, muscle fibres by NADH-TR (NBT method)<br>Mitochondria by Succinic dehydrogenase (SDH)<br><br>For rectal biopsies:<br>Acetylcholine esterase in nerve fibres, ganglion cells by Acetylcholine esterase (AchE) |
|  | <b>Immunohistochemistry</b><br>Fresh renal, skin biopsies             | Immunofluorescence examination by<br>Manual method                             | Specimen preparation and staining (manual method):<br>Method as documented in AA-TM-45-05<br>For IgA / IgM / IgG / C1q / Complement 3 / Fibrinogen / Kappa / Lambda  |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Mortuary at Branch Facility: LG1, North District Hospital, 9 Po Kin Road, Sheung Shui, New Territories, Hong Kong  
 香港新界上水保健路九號北區醫院低層一樓

**MEDICAL TESTING**

| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類                | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性 | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術  |
|--|---|--|---|
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |  |   |
| <b>Anatomical<br/>Pathology</b>  | <b>Autopsy</b><br>Adult, fetal and perinatal<br>autopsy | Autopsy examination by<br>H&E and special staining         | Autopsy method and specimen preparation and<br>handling: Method as documented in AP-TM-11-01,<br>AP-TM-12-03, AA-TM-21-03<br><br>Routine staining: Method as documented in<br>AA-TM-41-00: Haematoxylin and Eosin staining<br><br>Special staining as in Histopathology |



**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Anatomical Pathology Laboratory at Branch Facility: 2/F, North District Hospital, 9 Po Kin Road, Sheung Shui, New Territories, Hong Kong

香港新界上水保健路九號北區醫院二樓

| <b>MEDICAL TESTING</b>   |  |   |   |
|--|--|---|---|
| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類         | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性                        | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術  |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |  |   |   |
| <b>Anatomical Pathology</b>  | <b>Cytopathology</b><br>Gynaecological specimens | Gynaecological cytology examination by Papanicolaou staining                      | Manual screening for liquid- based Gynaecology slides:<br>Method as documented in AA-TM-51-00, AA-TQ-02-00  |
|  | Non-gynaecological specimens                     | Non-gynaecological cytology examination by H&E, Papanicolaou and special staining | Specimen preparation and routine staining of Haematoxylin and Eosin stain, and Papanicolaou stain (manual method):<br>Method as documented in AA-TM-10-00, AA-TM-30-00, AA-TM-41-00<br>Special staining (manual method):<br>Method as documented in AA-TM-43-00 and: AA-TM-42-02:<br>Differential count by May-Grünwald Giemsa<br>Eosinophil by Haematoxylin and Eosin<br>Haemosiderin by Perls' Prussian Blue<br>Fat-laden macrophages by Oil Red O<br>Method as documented in AA-TM-32-09<br>Urate crystals by polarization microscopy<br>Method for infectious agents as documented in AA-TM-43-46 and AA-TM-46-03:<br>Acid-fast-bacilli by Ziehl-Neelsen<br>Fungi by Grocott's Methenamine Silver<br>Pneumocystis carinii by Grocott's Methenamine Silver |
|  | Fine needles aspirates                           | FNA cytology examination by H&E, Papanicolaou and May-Grünwald-Giemsa staining    | Specimen collection, preparation and routine staining (manual method) by method as documented in AA-CM-22-02, AA-TM-34-01, AA-TM-32-04, AA-TM-33-05, AA-TM-41-00, AA-TM-46-07:<br>Haematoxylin and Eosin stain<br>Papanicolaou stain<br>May-Grunwald-Giemsa stain   |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Anatomical Pathology Laboratory at Branch Facility: 2/F, North District Hospital, 9 Po Kin Road, Sheung Shui, New Territories, Hong Kong

香港新界上水保健路九號北區醫院二樓

| <b>MEDICAL TESTING</b>   |   |  |  |
|--|---|--|--|
| <b>DISCIPLINE</b><br>專科範疇  | <b>TEST AREA</b><br><b>OR SAMPLE TYPE</b><br>測試範圍或樣本種類                | <b>SPECIFIC EXAMINATION OR</b><br><b>PROPERTY MEASURED</b><br>特定測試或量度的特性 | <b>METHOD</b><br><b>OR TECHNIQUE USED</b><br>方法或應用技術   |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |  |  |
| <b>Anatomical Pathology</b><br>(cont'd)  | <b>Histopathology</b><br>Surgical pathology and cytological specimens | Histology examination by H&E and special staining                        | Specimen preparation, with Haematoxylin and Eosin staining: Method as documented in AA-TM-10-00, AA-TM-20-00, AA-TM-41-00, AA-TM-52-00<br><br>Special staining (manual method):<br>Mast cells by Chloroacetate esterase (Pararosanilin): Method as documented in AA-TM-44-05<br>For infectious agents and other tissue components: Methods as documented in AA-TM-43-00:<br>Acid fast bacilli by Ziehl Neelsen<br>Acidic and Neutral mucins by Alcian Blue / Periodic Acid Schiff (pH 2.5)<br>Amyloid by Congo red (Highman)<br>Amyloid by Crystal violet (Hucker & Conn)<br>Axon, nerve endings, neurofibrillary tangles, neurotic plaques by Bielschowsky's silver<br>Basement membrane by Periodic Acid Silver Methenamine (Gomori's PASM)<br>Bile pigment by Fouchet technique<br>Calcium salts by Alizarin red S - calcium deposits<br>Calcium salts by Von Kossa<br>Collagen and muscle by Masson trichrome<br>Copper by Rhodamine stain<br>Copper by Rubeanic acid<br>Elastic fibres by Victoria blue<br>Ferric iron by Perls' Prussian blue<br>Fibrin by Martius-Scarlet-Blue<br>Glycol groups by Periodic Acid Schiff<br>Gram positive and negative organisms by modified Gram technique<br>Helicobacter pylori by modified Giemsa<br>Hepatitis B affected cells, elastin by Shikata Orcein<br>Lipofuscin by Long Ziehl Neelsen<br>Mast cell granules by Toluidine Blue (Acidified)<br>Melanin, argentaffin, chromaffin cells by Schmorl<br>Melanin, lipofuscin, argentaffin, chromaffin cells by Masson-Fontana silver<br>Mucin, capsule of Cryptococcus neoformans by Southgate's mucicarmine |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Anatomical Pathology Laboratory at Branch Facility: 2/F, North District Hospital, 9 Po Kin Road, Sheung Shui, New Territories, Hong Kong

香港新界上水保健路九號北區醫院二樓

| <b>MEDICAL TESTING</b>   |   |  |  |
|--|---|--|--|
| <b>DISCIPLINE</b><br>專科範疇  | <b>TEST AREA</b><br><b>OR SAMPLE TYPE</b><br>測試範圍或樣本種類                                  | <b>SPECIFIC EXAMINATION OR</b><br><b>PROPERTY MEASURED</b><br>特定測試或量度的特性 | <b>METHOD</b><br><b>OR TECHNIQUE USED</b><br>方法或應用技術   |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |  |  |
| <b>Anatomical Pathology</b><br>(cont'd)  | <b>Histopathology</b> (cont'd)<br>Surgical pathology and cytological specimens (cont'd) | Histology examination by<br>H&E and special staining (cont'd)            | Special staining (manual method) (cont'd):<br>Mucins by Alcian blue (pH 2.5) – hyaluronidase digestion<br>Mycobacteria ( <i>M. leprae</i> ) by Wade Fite<br>Myelin sheath by Solochrome cyanine<br>Myelin, Nissl substance by Luxol fast blue (modified)<br>Nemaline rods, myofilaments and connective tissue by Gomori one step trichrome pH 3.4<br>Nerve fibres, argyrophilic substance by Bodians's method (modified)<br>Nissl substance by Cresyl fast violet<br>Periodate reactive carbohydrates by Periodic Acid Schiff digestion<br>Pneumocystic carini, fungi by Grocott hexamine silver technique<br>Reticulin by Gordon & Sweet's technique<br>Spirochaetes, Helicobacter by Warthin Starry<br>Sulphated mucin, hyaluronic acid and sialidase – labile sialomucin by Alcian blue (pH2.5, pH3.2, pH1.0, pH0.5, pH0.2)<br>Unsaturated hydrophobic lipid by Oil Red O |
|  | Intra-operative frozen section for fresh tissue specimens and biopsies                  | Histology examination by<br>H&E staining                                 | Specimen preparation and Haematoxylin and Eosin staining: Method as documented in AA-TM-10-00, AA-TM-25-01, AA-TM-41-00, AA-TM-52-00   |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Anatomical Pathology Laboratory at Branch Facility: 2/F, North District Hospital, 9 Po Kin Road, Sheung Shui, New Territories, Hong Kong

香港新界上水保健路九號北區醫院二樓

| <b>MEDICAL TESTING</b>   |   |  |   |
|--|---|--|---|
| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類                              | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性                         | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術  |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |  |   |
| <b>Anatomical Pathology (cont'd)</b>   | <b>Histopathology (cont'd)</b><br>Fresh tissue specimens and biopsies | Histology examination and enzyme histochemistry by<br>H&E and special staining     | Specimen preparation and routine Haematoxylin and Eosin staining (manual method): Method as documented in AA-TM-10-00, AA-TM-21-04, AA-TM-41-00<br>Special staining (manual method): Method as documented in AA-TM-44-00<br>For muscle biopsies:<br>ATPase activity in muscle fibres by Adenosine triphosphatase (ATPase)<br>Sarcoplasmic reticulum mitochondria, muscle fibres by NADH-TR (NBT method)<br>Mitochondria by Succinic dehydrogenase (SDH) |
|  | <b>Immunohistochemistry</b><br>Renal, skin biopsies                   | Immunofluorescence examination by<br>Manual method                                 | Specimen preparation and staining (manual method):<br>Method as documented in AA-TM-45-05<br>For IgA / IgM / IgG / C1q / Complement 3 / Fibrinogen / kappa / lambda   |
|  | Histological and cytological specimen                                 | Immunohistochemical examination for various antigen markers by<br>Automated method | Slide preparation and staining (automated method) as documented in AA-TM-44-00, AA-TQ-02-00<br>Detection system: BOND Polymer Refine Detection<br>Antigen retrieval: Heat retrieval+/- enzymatic digestion and on-board retrieval by Leica Bond-III immunostainer   |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Anatomical Pathology Laboratory at Branch Facility: 2/F, North District Hospital, 9 Po Kin Road, Sheung Shui, New Territories, Hong Kong

香港新界上水保健路九號北區醫院二樓

**MEDICAL TESTING**

| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類                    | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性 | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術  |
|--|---|--|---|
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |  |   |
| Medical Genetics   | Molecular Genetics<br>Histological and cytological specimen | Epstein Barr Virus Detection by<br>In-situ hybridization   | Slide preparation and staining (automated method) by<br>Leica Bond-III immunostainer as documented in<br>AA-TM-45-11<br>Detection System: Bond Polymer Refine Detection |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Chemical Pathology Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |   |  |  |  |
|--|---|--|--|--|
| <b>DISCIPLINE</b><br>專科範疇  | <b>TEST AREA</b><br><b>OR SAMPLE TYPE</b><br>測試範圍或樣本種類      | <b>SPECIFIC EXAMINATION OR</b><br><b>PROPERTY MEASURED</b><br>特定測試或量度的特性 | <b>METHOD</b><br><b>OR TECHNIQUE USED</b><br>方法或應用技術                           |  |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |  |  |  |
| <b>Chemical Pathology</b>  | <b>Blood gas and co-oximetry</b><br>Whole blood, body fluid | Bicarbonate by<br>Calculation  | Siemens blood gases analyser 1200 series                                       |  |
|  |   | Chloride by<br>Potentiometry (Ion-Selective Electrode)                   | Siemens blood gases analyser 1200 series                                       |  |
|  |   | Whole blood  | Base Excess-vt by<br>Calculation   | Siemens blood gases analyser 1200 series           |
|  |   |  | Carboxyhaemoglobin by<br>Co-oximetry   | Siemens blood gases analyser 1200 series           |
|  |   |  | Ionized calcium by<br>Potentiometry (Ion-Selective Electrode)                  | Siemens blood gases analyser 1200 series           |
|  |   |  | Methaemoglobin by<br>Co-oximetry   | Siemens blood gases analyser 1200 series           |
|  |   |  | O <sub>2</sub> Saturation by<br>Calculation                                    | Siemens blood gases analyser 1200 series           |
|  |   |  | Oxyhaemoglobin by<br>Co-oximetry   | Siemens blood gases analyser 1200 series           |
|  |   |  | pCO <sub>2</sub> by<br>Potentiometry (pCO <sub>2</sub> -Sensing Electrode)     | Siemens blood gases analyser 1200 series           |
|  |   |  | pH by<br>Potentiometry (Ion-Selective Electrode)                               | Siemens blood gases analyser 1200 series           |
|  |   |  | pO <sub>2</sub> by<br>Potentiometry (Oxygen-Sensing<br>Amperometric Electrode) | Siemens blood gases analyser 1200 series           |
|  |   |  | <b>General chemistry</b><br>Plasma, body fluid                                 | Alanine transaminase (ALT) by<br>Spectrophotometry |
|  |   | Albumin by<br>Spectrophotometry  |  | Beckman Coulter AU5800 analyser<br>Albumin Assay   |
|  |   | Plasma   |  | Albumin adjusted calcium by<br>Calculation         |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Chemical Pathology Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |   |  |  |
|--|---|--|--|
| <b>DISCIPLINE</b><br>專科範疇  | <b>TEST AREA</b><br><b>OR SAMPLE TYPE</b><br>測試範圍或樣本種類                    | <b>SPECIFIC EXAMINATION OR</b><br><b>PROPERTY MEASURED</b><br>特定測試或量度的特性 | <b>METHOD</b><br><b>OR TECHNIQUE USED</b><br>方法或應用技術   |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |  |  |
| <b>Chemical Pathology</b><br>(cont'd)  | <b>General chemistry (cont'd)</b><br>Urine                                | Albumin by<br>Turbidimetry   | Beckman Coulter AU5800 analyser<br>Urine Albumin Assay   |
|  |   | Albumin and Creatinine ratio by<br>Calculation                           | Beckman Coulter AU5800 analyser<br>(Calculated from albumin and calcium)                                   |
|  | Plasma, body fluid  | Alkaline Phosphatase (ALP) by<br>Spectrophotometry                       | Beckman Coulter AU5800 analyser<br>ALP Assay   |
|  | Plasma, urine, body fluid   | Amylase by<br>Spectrophotometry  | Beckman Coulter AU5800 analyser<br>Amylase Assay   |
|  | Plasma, urine   | Amylase:Creatinine clearance ratio by<br>Calculation                     | Beckman Coulter AU5800 analyser<br>(Calculated from plasma, urine amylase and<br>creatinine concentration) |
|  | Plasma, body fluid  | Aspartate Amino Transferase (AST) by<br>Spectrophotometry                | Beckman Coulter AU5800 analyser<br>AST Assay   |
|  |   | Bilirubin, Direct by<br>Spectrophotometry                                | Beckman Coulter AU5800 analyser<br>Direct Bilirubin Assay  |
|  |   | Bilirubin, Total by<br>Spectrophotometry                                 | Beckman Coulter AU5800 analyser<br>Bilirubin Assay   |
|  | Plasma  | Bilirubin, Neonatal by<br>Spectrophotometry                              | Beckman Coulter AU5800 analyser<br>Bilirubin Assay   |
|  | Plasma, urine, body fluid   | Calcium by<br>Spectrophotometry  | Beckman Coulter AU5800 analyser<br>Calcium Assay   |
| Plasma, body fluid   | Chloride by<br>Potentiometry (Indirect Ion-Selective<br>Electrode Method) | Beckman Coulter AU5800 analyser<br>Chloride Assay                        |  |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Chemical Pathology Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

**MEDICAL TESTING**

| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類         | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性           | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術   |
|--|--|--|--|
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |  |  |  |
| Chemical Pathology<br>(cont'd)   | General chemistry (cont'd)<br>Plasma, body fluid | Cholesterol by<br>Spectrophotometry                                  | Beckman Coulter AU5800 analyser<br>Cholesterol Assay                             |
|  | Plasma   | Cholesterol, high density lipoproteins (HDL) by<br>Spectrophotometry | Beckman Coulter AU5800 analyser<br>HDL-Cholesterol Assay                         |
|  |  | Cholesterol, low density lipoproteins (LDL) by<br>Spectrophotometry  | Beckman Coulter AU5800 analyser<br>(Calculated using Friedewald Formula)         |
|  | Plasma, body fluid                               | Creatine kinase by<br>Spectrophotometry                              | Beckman Coulter AU5800 analyser<br>Creatine Kinase Assay                         |
|  | Plasma   | Creatinine by<br>Spectrophotometry                                   | Beckman Coulter AU5800 analyser<br>Creatinine (enzymatic methodology) Assay      |
|  | Urine, body fluid                                | Creatinine by<br>Spectrophotometry                                   | Beckman Coulter AU5800 analyser<br>Creatinine (enzymatic methodology) Assay      |
|  | Plasma, urine                                    | Creatinine clearance by<br>Calculation                               | Beckman Coulter AU5800 analyser<br>(Calculated from plasma and urine creatinine) |
|  | Plasma, body fluid                               | Gamma glutamyl transferase (GGT) by<br>Spectrophotometry             | Beckman Coulter AU5800 analyser<br>GGT Assay                                     |
|  | Plasma   | Globulin by<br>Calculation   | Beckman Coulter AU5800 analyser<br>(Calculated from Total Protein and Albumin)   |
|  | Plasma, body fluid, CSF                          | Glucose by<br>Spectrophotometry                                      | Beckman Coulter AU5800 analyser<br>Glucose Assay                                 |
|  | Plasma   | Glucose, Fasting by<br>Spectrophotometry                             | Beckman Coulter AU5800 analyser<br>Glucose Assay                                 |
|  | Iron by<br>Spectrophotometry                     | Beckman Coulter AU5800 analyser<br>Iron Assay                        |  |



**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Chemical Pathology Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |  |  |  |
|--|--|--|--|
| <b>DISCIPLINE</b><br>專科範疇  | <b>TEST AREA</b><br><b>OR SAMPLE TYPE</b><br>測試範圍或樣本種類       | <b>SPECIFIC EXAMINATION OR</b><br><b>PROPERTY MEASURED</b><br>特定測試或量度的特性   | <b>METHOD</b><br><b>OR TECHNIQUE USED</b><br>方法或應用技術   |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |  |  |  |
| <b>Chemical Pathology</b><br>(cont'd)  | <b>General chemistry (cont'd)</b><br>Plasma, body fluid, CSF | Lactate Dehydrogenase (LDH) by<br>Spectrophotometry                        | Beckman Coulter AU5800 analyser<br>LDH Assay   |
|  | Plasma, body fluid   | Magnesium by<br>Spectrophotometry  | Beckman Coulter AU5800 analyser<br>Magnesium Assay   |
|  | Plasma   | Estimated Glomerular Filtration Rate (eGFR) by<br>Calculation              | Beckman Coulter AU5800 analyser<br>Creatinine (enzymatic methodology) Assay<br>(Calculated by using CKD-EPI formula) |
|  | Stool  | Occult blood by<br>Latex Agglutination Reaction                            | Alfresa NS-Prime Chemistry Analyser<br>with FIT Haemoglobin NS-Prime Test Reagent                                    |
|  | Serum, urine, body fluid                                     | Osmolality by<br>Freezing point depression                                 | A2O Advanced Automated Osmometer   |
|  | Urine, body fluid except<br>pleural fluid                    | pH by<br>Potentiometry (Ion-Selective Electrode)                           | pH meter   |
|  | Plasma, urine, body fluid                                    | Phosphate by<br>Spectrophotometry  | Beckman Coulter AU5800 analyser<br>Inorganic phosphorus Assay  |
|  |  | Potassium by<br>Potentiometry (Indirect Ion-Selective<br>Electrode Method) | Beckman Coulter AU5800 analyser<br>Potassium Assay   |
|  | Plasma, body fluid   | Protein, Total by<br>Spectrophotometry                                     | Beckman Coulter AU5800 analyser<br>Total Protein Assay   |
|  | Urine, CSF   | Protein, Total by<br>Turbidimetry  | Beckman Coulter AU5800 analyser<br>CSF/Urine Assay   |
|  | Urine  | Protein:Creatinine ratio by<br>Calculation                                 | Beckman Coulter AU5800 analyser<br>(Calculated from spot urine, Total Protein, and<br>Creatinine)                    |
|  | Plasma, urine, body fluid                                    | Sodium by<br>Potentiometry (Indirect Ion-Selective<br>Electrode Method)    | Beckman Coulter AU5800 analyser<br>Sodium Assay  |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Chemical Pathology Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |   |  |  |
|--|---|--|--|
| <b>DISCIPLINE</b><br>專科範疇  | <b>TEST AREA</b><br><b>OR SAMPLE TYPE</b><br>測試範圍或樣本種類            | <b>SPECIFIC EXAMINATION OR</b><br><b>PROPERTY MEASURED</b><br>特定測試或量度的特性 | <b>METHOD</b><br><b>OR TECHNIQUE USED</b><br>方法或應用技術               |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |  |  |
| <b>Chemical Pathology</b><br>(cont'd)  | <b>General chemistry (cont'd)</b>                                 |  |  |
|  | Plasma  | Total Iron Binding Capacity (TIBC) by<br>Calculation                     | Beckman Coulter AU5800 analyser<br>(Calculated from Iron and UIBC) |
|  | Plasma, body fluid  | Triglycerides by<br>Spectrophotometry                                    | Beckman Coulter AU5800 analyser<br>Triglycerides Assay             |
|  | Plasma  | Troponin I by<br>Immunoassay (Chemiluminescent label)                    | Beckman Coulter UniCel DxI 800<br>Access hsTnI Assay               |
|  |   | Unsaturated Iron Binding Capacity (UIBC) by<br>Spectrophotometry         | Beckman Coulter AU5800 analyser<br>UIBC Assay                      |
|  | Plasma, urine, body fluid   | Urate by<br>Spectrophotometry  | Beckman Coulter AU5800 analyser<br>Uric Acid Assay                 |
|  |   | Urea by<br>Spectrophotometry   | Beckman Coulter AU5800 analyser<br>Urea Assay                      |
|  | <b>Hormones</b>   |  |  |
|  | Serum   | Cortisol by<br>Immunoassay (Chemiluminescent label)                      | Beckman Coulter UniCel DxI 800<br>Access Cortisol Assay            |
|  | Plasma  | Parathyroid hormone by<br>Immunoassay (Chemiluminescent label)           | Beckman Coulter UniCel DxI 800<br>Access Intact PTH Assay          |
|  | Serum   | Thyroxine, Free by<br>Immunoassay (Chemiluminescent label)               | Beckman Coulter UniCel DxI 800<br>Access Free T4 Assay             |
|  |   | Thyroid stimulating hormone by<br>Immunoassay (Chemiluminescent label)   | Beckman Coulter UniCel DxI 800<br>Access TSH Assay                 |
|  | Triiodothyronine, Free by<br>Immunoassay (Chemiluminescent label) | Beckman Coulter UniCel DxI 800<br>Access Free T3 Assay                   |  |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Chemical Pathology Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |  |  |   |
|--|--|--|---|
| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類           | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性         | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術                    |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |  |  |   |
| Chemical Pathology<br>(cont'd)   | <b>Proteins, quantitative analysis</b>             |  |   |
|  | Plasma   | C Reactive protein by<br>Immunoturbidimetry                        | Beckman Coulter AU5800 analyser<br>CRP Assay              |
|  | Serum  | Ferritin by<br>Immunoassay (Chemiluminescent label)                | Beckman Coulter UniCel Dxi 800<br>Access Ferritin Assay   |
|  | <b>Proteins, qualitative analysis</b>              |  |   |
|  | Serum  | Cryoglobulin by<br>Precipitation in cold                           | Method as documented in AC-TM-03-35                       |
|  | <b>Special chemistry</b>                           |  |   |
|  | Plasma   | Ammonia by<br>Spectrophotometry                                    | Beckman Coulter AU5800 analyser<br>Ammonia Assay          |
|  | Plasma, CSF  | Lactate by<br>Spectrophotometry                                    | Beckman Coulter AU5800 analyser<br>Lactate Assay          |
|  | Urine, body fluid                                  | Chyle by<br>Microscopy   | Method using Oil red O stain as documented in AC-TM-03-21 |
|  | Serum  | Folate by<br>Immunoassay (Chemiluminescent label)                  | Beckman Coulter UniCel Dxi 800<br>Access Folate Assay     |
|  | Urine  | Porphobilinogen by<br>Colorimetric measurement (Ehrlich's reagent) | Method as documented in AC-TM-16-07                       |
|  |  | Porphyryn by<br>Fluorometric detection                             | Method as documented in AC-TM-16-08                       |
| <b>Therapeutic drug monitoring</b>   |  |  |   |
| Serum  | Digoxin by<br>Immunoassay (Chemiluminescent label) | Beckman Coulter AU5800 analyser<br>Digoxin Assay                   |   |
|  | Lithium by<br>Spectrophotometry                    | Beckman Coulter AU5800 analyser<br>Lithium Assay                   |   |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Chemical Pathology Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |   |   |  |
|--|---|---|--|
| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類              | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性  | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術                       |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |   |  |
| Chemical Pathology<br>(cont'd)   | <b>Therapeutic drug monitoring (cont'd)</b><br>Plasma | Phenytoin by<br>Spectrophotometry   | Beckman Coulter AU5800 analyser<br>Phenytoin Assay           |
|  |   | Theophylline by<br>Spectrophotometry  | Beckman Coulter AU5800 analyser<br>Theophylline Assay        |
|  |   | Valproic acid by<br>Spectrophotometry   | Beckman Coulter AU5800 analyser<br>Valproic Acid Assay       |
|  | <b>Toxicology</b><br>Serum                            | Acetaminophen (Paracetamol) by<br>Spectrophotometry   | Beckman Coulter AU5800 analyser<br>Acetaminophen Assay       |
|  |   | Ethanol by<br>Spectrophotometry   | Beckman Coulter AU5800 analyser<br>Ethanol Assay             |
|  |   | Salicylate by<br>Spectrophotometry  | Beckman Coulter AU5800 analyser<br>Salicylate Assay          |
|  | <b>Tumour markers</b><br>Serum, body fluid            | Alpha-feto protein (AFP) by<br>Immunoassay (Chemiluminescent label)   | Beckman Coulter UniCel DxI 800<br>Access AFP Assay           |
|  |   | Carcino-embryonic antigen (CEA) by<br>Immunoassay (Chemiluminescent label)  | Beckman Coulter UniCel DxI 800<br>Access CEA Assay           |
|  | Serum   | Prostatic specific antigen (PSA) by<br>Immunoassay (Chemiluminescent label)   | Beckman Coulter UniCel DxI 800<br>Access Hybritech PSA Assay |
|  | <b>Urinalysis</b><br>Urine                            | Urinalysis by<br>dipstick <ul style="list-style-type: none"> <li>● Bilirubin</li> <li>● Haemoglobin</li> <li>● Ketone</li> <li>● Myoglobin</li> <li>● Urobilinogen</li> </ul> | Urisys 1100<br>Roche Combur 10                               |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Microbiology Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |   |  |   |
|--|---|--|---|
| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類  | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性   | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術  |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |  |   |
| <b>Clinical Microbiology and Infection</b>   | <b>Bacteriology - Culture and sensitivity test and Gram microscopy</b><br>Blood | Culture and antimicrobial susceptibility tests for pathogen by<br>Aerobic and anaerobic broth culture  | Bactec FX<br>Identification of isolates: Method as documented in AM-TM-02-01<br>Antimicrobial susceptibility tests: Agar disk diffusion method and E-test (MIC for <i>Strept. pneumoniae</i> and <i>Neisseria meningitidis</i> ) as documented in AM-TM-12-01, AM-TM-12-02  |
|  | CSF, sterile body fluid such as knee and joint fluid, CAPD, peritoneal fluid    | Microscopy for<br>Bacteria by Gram stain<br>Cell morphology by lytic stain<br><br>Culture and antimicrobial susceptibility tests for pathogen by<br>Aerobic, CO <sub>2</sub> , anaerobic and broth culture   | Method as documented in AM-TM-03-01<br><br>Culture and Identification of isolates:<br>Method as documented in AM-TM-03-01<br>Antimicrobial susceptibility tests: Agar disk diffusion method and E-test (MIC for <i>Strept. pneumoniae</i> and <i>Neisseria meningitidis</i> ) as documented in AM-TM-12-01, AM-TM-12-02 |
|  | Enteric samples<br>(stool and rectal swab)                                      | Culture and antimicrobial susceptibility test for enteric pathogens by<br>Aerobic, microaerophilic and broth culture   | Culture and Identification of isolates: Method as documented in AM-TM-08-01<br>Antimicrobial susceptibility tests: Agar disk diffusion method as documented in AM-TM-12-01, AM-TM-12-02   |
|  |   | Culture and antimicrobial susceptibility test for specific pathogens or those with clinical indications by<br>Aerobic and broth culture for: <ul style="list-style-type: none"> <li>● <i>Escherichia coli</i> O157</li> <li>● <i>Yersinia</i> species</li> <li>● <i>Staphylococcus aureus</i></li> <li>● <i>Clostridium perfringens</i></li> <li>● <i>Bacillus cereus</i></li> <li>● Vancomycin resistant <i>Enterococci</i></li> <li>● Carbapenem resistant Enterobacteriaceae</li> </ul> | Culture and Identification of isolates: Method as documented in AM-TM-08-01, AM-TM-08-03, AM-TM-08-04<br>Antimicrobial susceptibility tests: Agar disk diffusion method as documented in AM-TM-12-01, AM-TM-12-02   |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Microbiology Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |  |  |  |
|--|--|--|--|
| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類   | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性   | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術   |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |  |  |  |
| <b>Clinical Microbiology and Infection (cont'd)</b>  | <b>Bacteriology – Culture and sensitivity test and Gram microscopy (cont'd)</b><br><br>Genital samples       | Microscopy for cell morphology and bacteria by Gram stain<br><br>Culture and antimicrobial susceptibility test for genital pathogens (except Chlamydia) by Aerobic and CO <sub>2</sub> culture   | Method as documented in AM-TM-05-04<br><br>Culture and Identification of isolates: Method as documented in AM-TM-05-04<br>Antimicrobial susceptibility tests: Agar disk diffusion method as documented in AM-TM-12-01, AM-TM-12-02 |
|  | Miscellaneous samples (including pus, body fluid, tissue, swabs, catheters, eye specimens, etc.)             | Microscopy for Bacteria and semi-quantitative WBC by Gram stain<br><br>Culture and antimicrobial susceptibility test for pathogens by Aerobic, CO <sub>2</sub> , anaerobic, and broth culture  | Method as documented in AM-TM-05-01<br><br>Culture and Identification of isolates: Method as documented in AM-TM-05-01<br>Antimicrobial susceptibility tests: Agar disk diffusion method as documented in AM-TM-12-01, AM-TM-12-02 |
|  | Lower respiratory tract samples (including sputum, bronchial aspirate, tracheal aspirate, lung biopsy, etc.) | Microscopy for cell morphology and bacteria by Gram stain<br><br>Culture and antimicrobial susceptibility test for pathogens by Aerobic, CO <sub>2</sub> , and anaerobic culture   | Method as documented in AM-TM-07-01<br><br>Culture and Identification of isolates: Method as documented in AM-TM-07-01<br>Antimicrobial susceptibility tests: Agar disk diffusion method as documented in AM-TM-12-01, AM-TM-12-02 |
|  |  | Culture and antimicrobial susceptibility test for specific pathogens or those with clinical indications by Aerobic, CO <sub>2</sub> , anaerobic, and broth culture<br>● <i>Neisseria gonorrhoeae</i><br>● <i>Nocardia species</i><br>● <i>Atypical Mycobacterium species</i><br>● <i>Actinomyces species</i> | Culture and Identification of isolates: Method as documented in AM-TM-05-01<br>Antimicrobial susceptibility tests: Agar disk diffusion method as documented in AM-TM-12-01, AM-TM-12-02  |

### Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Microbiology Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |   |  |   |
|--|---|--|---|
| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類  | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性   | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術  |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |  |   |
| <b>Clinical Microbiology and Infection (cont'd)</b>  | <b>Bacteriology – Culture and sensitivity test and Gram microscopy (cont'd)</b>   |  |   |
|  | Lower respiratory tract samples (including sputum, bronchial aspirate, tracheal aspirate, lung biopsy, etc.) (cont'd)             | Culture and antimicrobial susceptibility test for specific pathogens or those with clinical indications by<br>Aerobic, CO <sub>2</sub> , and anaerobic culture   | Culture and Identification of isolates:<br>Method as documented in AM-TM-07-01<br>Antimicrobial susceptibility tests: Agar disk diffusion method as documented in AM-TM-12-01, AM-TM-12-02  |
|  | Bronchoscopic specimens (including bronchial aspirate, bronchoalveolar lavage (BAL), bronchial brushing / bronchial washing, etc) | Microscopy for cell morphology and bacteria by Gram stain<br><br>Quantitative culture and antimicrobial susceptibility test by<br>Aerobic, CO <sub>2</sub> , and anaerobic culture   | Method as documented in AM-TM-07-01<br><br>Culture and Identification of isolates:<br>Method as documented in AM-TM-07-01<br>Antimicrobial susceptibility tests: Agar disk diffusion method and E-test (MIC for <i>Strept. pneumoniae</i> ) as documented in AM-TM-12-01, AM-TM-12-02 |
|  | Upper respiratory tract samples (including throat swab, oral swab, nasal swab/pus/discharges, etc)                                | Culture and antimicrobial susceptibility test for respiratory tract pathogens by<br>Aerobic, CO <sub>2</sub> , and anaerobic culture   | Culture and Identification of isolates:<br>Method as documented in AM-TM-07-01<br>Antimicrobial susceptibility tests: Agar disk diffusion method as documented in AM-TM-12-01, AM-TM-12-02  |
|  | Urine   | Culture and antimicrobial susceptibility test for specific pathogens or those with clinical indications by<br>Aerobic culture for Methicillin resistant <i>Staphylococcus aureus</i> (MRSA)<br><br>Urine formed elements and semi-quantitative cell count by<br>Microscopic examination with fixed volume in microtitre plate well | Culture and Identification of isolates:<br>Method as documented in AM-TM-07-01<br>Antimicrobial susceptibility tests: Agar disk diffusion method as documented in AM-TM-12-01, AM-TM-12-02<br><br>Method as documented in AM-TM-09-01   |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Microbiology Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |  |   |  |
|--|--|---|--|
| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類   | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性  | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術   |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |  |   |  |
| <b>Clinical Microbiology and Infection (cont'd)</b>  | <b>Bacteriology – Culture and sensitivity test and Gram microscopy (cont'd)</b><br>Urine (cont'd)              | Culture and antimicrobial sensitivity test for urinary pathogens by<br>- Standard loop method<br>- Dipslide (as received)   | Culture and Identification of isolates:<br>Method as documented in AM-TM-09-01<br>Antimicrobial susceptibility tests: Agar disk diffusion method as documented in AM-TM-12-01, AM-TM-12-02 |
|  | Clinical isolates  | Identification of clinical isolates by<br>MALDI-TOF Mass Spectrometry   | Method as documented in AM-TM-21-01 using bioMerieux VITEK MS  |
|  | <b>Bacteriology – Serology</b><br>CSF, sterile body fluid such as knee and joint fluid, CAPD, peritoneal fluid | Antigen detection ( <i>Streptococcus</i> Group B; <i>Haemophilus influenzae</i> type b; <i>Streptococcus pneumoniae</i> ; <i>Neisseria meningitidis</i> Group A,B,C,Y, W135; <i>Escherichia coli</i> K1) by Latex agglutination | Wellcogen Bacterial Antigen Detection Kit (Murex)  |
|  | Salmonella isolates  | Serotyping of <i>Salmonella</i> species by Slide agglutination test   | Method as documented in AM-TM-08-01  |
|  | <i>Shigella flexneri</i> isolates  | Serotyping of <i>Shigella flexneri</i> by Slide agglutination test  | Method as documented in AM-TM-08-01  |
|  | Urine  | <i>Streptococcus pneumoniae</i> antigen detection by Immunochromatographic assay  | Binax NOW@ <i>Streptococcus pneumoniae</i> Urinary Antigen Kit, method as documented in AM-TM-09-02  |



**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Microbiology Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

**MEDICAL TESTING**

| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類  | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性   | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術                                |
|--|---|--|---|
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |  |   |
| <b>Clinical Microbiology and Infection (cont'd)</b>  | <b>Microscopy – Miscellaneous</b><br>CSF, sterile body fluid such as knee and joint fluid, CAPD, peritoneal fluid<br><br>Sterile body fluid | Microscopy for<br>Cell count by<br>Counting chamber<br><br>White cell count by<br>Automated method, including<br>- Total<br>- Differential<br>- polymorphonucleated<br>- mononucleated | Method as documented in AM-TM-03-01<br><br>Sysmex XN-350 autoanalyser |
|  | <b>Mycobacteriology – Microscopy</b><br>Respiratory tract and urine samples   | Microscopy for acid-fast bacilli (AFB) by<br>- Auramine O fluorescent stain<br>- Ziehl-Neelsen stain   | Method documented in AM-TM-06-01                                      |
|  | <b>Mycology – Culture, identification and serology</b><br>CSF, sterile body fluid such as knee and joint fluid, CAPD, peritoneal fluid      | Antigen detection ( <i>Cryptococcal</i> ) by<br>Latex agglutination  | Cryptococcal Antigen Latex Agglutination System                       |
|  | Miscellaneous specimens   | Culture for yeast by<br>Aerobic culture  | Method as documented in AM-TM-05-01                                   |
|  | Urine   | Culture for fungi by<br>Aerobic culture  | Method as documented in AM-TM-09-01                                   |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Microbiology Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |  |  |  |
|--|--|--|--|
| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類   | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性   | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術 |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |  |  |  |
| <b>Clinical<br/>Microbiology and<br/>Infection (cont'd)</b>  | <b>Mycology – Microscopy</b><br>CSF, sterile body fluid such as knee and joint fluid, CAPD, peritoneal fluid | Microscopy for encapsulated yeast by<br>Negative stain (India ink or 10% Nigrosin)   | Method as documented in AM-TM-03-01    |
|  | Dermatological sample including skin, nail, hair specimens, etc.   | Microscopy for fungal elements by<br>KOH smear   | Method as documented in AM-TM-05-02    |
|  | <b>Parasitology – Microscopy and staining</b><br>Stool, urine  | Microscopy for enteric parasites, ova and cysts by<br>Direct wet smear and<br>Smear after formalin-ethyl acetate concentration                                       | Method as documented in AM-TM-08-02    |
|  | Stool, liver abscess, urine  | Microscopy for <i>Microsporidia</i> spores,<br><i>Cryptosporidium</i> , <i>Isospora</i> , <i>Cyclospora</i> oocysts by<br>Modified Ziehl-Neelsen and Trichrome stain | Method as documented in AM-TM-08-02    |
|  | Bile, Jejunostomy and ileostomy fluids   | Microscopy for amoeba by<br>Direct wet smear   | Method as documented in AM-TM-08-02    |
|  | Skin scrapings   | Microscopy for enteric parasites and ova by<br>Direct wet smear or smear of centrifuged deposit  | Method as documented in AM-TM-05-01    |
|  |  | Examination for scabies by<br>KOH smear  | Method as documented in AM-TM-05-03    |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Haematology Laboratory and Blood Bank: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong  
 香港新界大埔全安路十一號 C 座一樓

**MEDICAL TESTING**

| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類                     | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性  | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術   |
|--|--|---|--|
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |  |   |  |
| <b>Haematology</b>   | <b>Blood bank – General</b><br>EDTA whole blood              | ABO and Rh (D) typing by<br>Red cell agglutination<br><br>DiaMed Gel technique<br><br>Antibody screening by<br>- DiaMed Gel technique<br><br>- Conventional method<br><br>Autologous transfusion<br><br>Crossmatch by<br>- Electronic crossmatch<br>- Immediate spin<br>- Indirect antiglobulin test<br><br>Red cell phenotyping by<br>- Direct agglutination<br>- Indirect antiglobulin test | Tile and tube techniques as documented in AB-TM-02-02<br>Bio-Rad IH1000 system for automated Blood Group system Bio-Rad Gel Blood Group ID card<br><br>Method as documented in AB-TM-02-03 and Bio-Rad IH1000 system for automated antibody screening<br>Bio-Rad Gel with LISS/Coombs reagent card<br>Method as documented in AB-TM-02-07<br><br>Method as documented in AB-TM-01-07<br><br>Method as documented in AB-TM-02-05<br><br>Method as documented in AB-TM-02-16 |
|  | <b>Blood bank – Immunohaematology</b><br>Clotted whole blood | ABO and Rh (D) typing by<br>Red cell agglutination<br><br>Cold agglutinin titre by<br>Antibody titration<br><br>Immune IgG anti-A/B titre by<br>Indirect antiglobulin test<br><br>Rhesus antibody titre by<br>Indirect antiglobulin test<br><br>Cold agglutinin syndrome investigation  | Tile and tube techniques as documented in AH-TM-06-07<br><br>Method as documented in AH-TM-06-05<br><br>Method as documented in AH-TM-06-04<br><br>Method as documented in AH-TM-06-03<br><br>Method as documented in AB-TM-02-19  |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Haematology Laboratory and Blood Bank: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong  
 香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |   |   |   |
|--|---|---|---|
| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類                                  | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性  | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術  |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |   |   |
| Haematology<br>(cont'd)  | <b>Blood bank –<br/>Immunohaematology</b><br>(cont'd)<br>EDTA whole blood | Direct antiglobulin test (DAT) by<br>- Conventional method<br><br>- DiaMed Gel technique  | Tube technique as documented in AH-TM-06-01 and AB-TM-02-04<br>DiaMed gel technique and method as documented in AB-TM-02-04 |
|  | <b>Coagulation</b><br>Citrate blood                                       | Coagulation studies including<br>- Prothrombin time (PT)<br>- Activated partial thromboplastin time (APTT)<br>- Thrombin time (TT)<br>- Fibrinogen<br><br>D-dimer by<br>Enzyme-linked immunosorbent assay (ELISA)   | ACL TOP 750 Coagulation System<br><br>Biomerieux Minividas, Vidas D-Dimer Exclusion II test kit                             |
|  |   | Lupus anticoagulant detection by<br>PT, APTT, TT,<br>Dilute Russell's Viper Venom Time (DRVVT) and Silica clotting time   | Method as documented in AH-TM-02-06   |
|  | <b>Haematology – General</b><br>EDTA whole blood                          | Complete blood count including<br>- Haemoglobin<br>- Haematocrit<br>- Leucocyte count (WBC count)<br>- Mean corpuscular volume (MCV)<br>- Mean corpuscular haemoglobin concentration (MCHC)<br>- Mean corpuscular haemoglobin (MCH)<br>- Platelet count<br>- Red cell count<br>- Red cell distribution width (RDW)<br>- Reticulocyte count<br>- Mean Platelet Volume (MPV)<br><br>Leucocyte differential count by<br>Automated method | Bechman Coulter UniCel DxH 800<br><br>Beckman Coulter UniCel DxH 800  |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Haematology Laboratory and Blood Bank: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong  
 香港新界大埔全安路十一號 C 座一樓

**MEDICAL TESTING**

| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類  | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性   | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術  |
|--|---|--|---|
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |  |   |
| <b>Haematology</b><br>(cont'd)   | <b>Haematology – General</b><br>(cont'd)<br>EDTA whole blood (cont'd)<br><br>EDTA marrow blood aspirate, clot, trephine<br><br>EDTA whole blood<br><br><br><br><br><br><br><br><b>Haematology - Special</b><br>Clotted and EDTA whole blood | Peripheral blood smear examination by Romanowsky stain<br><br>Reticulocyte count by manual method<br><br>Bone marrow examination<br><br>Erythrocyte sedimentation rate (ESR) by photo-optical detection<br><br>Haemoglobin H inclusion bodies<br><br>Haemoglobin pattern by<br>- High performance liquid chromatography<br>- Capillary electrophoresis<br><br>Malaria parasite examination by Thick and thin films<br><br>Antibody Adsorption<br><br>Antibody detection and identification by<br>- Polyethylene glycol - Indirect antiglobulin test<br>- Saline- Indirect antiglobulin test<br><br>Autoimmune haemolytic anaemia | Method as documented in AH-TM-01-08, AH-EM-03-02 and AH-EM-03-26<br><br>Method as documented in AH-TM-01-02<br><br>Smear preparation as documented in AH-TM-01-03<br>Romanowsky staining and Perls's staining as documented in AH-TM-01-04<br><br>DIESSE Ves-matic 30<br><br>Supravital staining as documented in AH-TM-03-04<br><br>Bio-Rad Variant II Analyzer<br>Sebia Minicap<br><br>Smear preparation and Giemsa staining as documented in AH-TM-07-01<br><br>Method as documented in AB-TM-02-13<br><br>Method as documented in AB-TM-02-06<br>Method as documented in AB-TM-02-08<br>Conventional and prewarming techniques as documented in AB-TM-02-07<br><br>Method as documented in AB-TM-02-04, AB-TM-02-06, AB-TM-02-10 to AB-TM-02-13 |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Haematology Laboratory and Blood Bank: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong  
 香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |   |  |   |
|--|---|--|---|
| <b>DISCIPLINE</b><br>專科範疇  | <b>TEST AREA</b><br><b>OR SAMPLE TYPE</b><br>測試範圍或樣本種類                        | <b>SPECIFIC EXAMINATION OR</b><br><b>PROPERTY MEASURED</b><br>特定測試或量度的特性   | <b>METHOD</b><br><b>OR TECHNIQUE USED</b><br>方法或應用技術  |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |  |   |
| Haematology<br>(cont'd)  | Haematology - Special<br>(cont'd)<br>Clotted and EDTA whole<br>blood (cont'd) | Investigation of haemolytic disease of newborn,<br>including:<br><ul style="list-style-type: none"> <li>- ABO and Rh(D) typing</li> <li>- Antibody identification</li> <li>- Red cell antigen phenotyping</li> <li>- IgG anti-A / anti-B titre</li> </ul> Transfusion reaction, including:<br><ul style="list-style-type: none"> <li>- ABO and Rh(D) typing</li> <li>- Direct antiglobulin test</li> <li>- Red cell antigen phenotyping</li> <li>- Antibody identification</li> <li>- Crossmatching</li> </ul> | Method as documented in AB-TM-02-20 and<br>AB-TM-02-23<br><br>Method as documented in AB-TM-02-21 |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Haematology Laboratory and Blood Bank: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong  
 香港新界大埔全安路十一號 C 座一樓

**MEDICAL TESTING**

| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類 | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性   | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術  |
|--|--|--|---|
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |  |  |   |
| Immunology   | Autoantibodies<br>Serum                  | Anti-neutrophil cytoplasmic antibody (ANCA) by<br>Indirect immunofluorescence (IIF)<br><br>Anti-nuclear antibody (ANA) by<br>Indirect immunofluorescence (IIF)<br><br>Anti-thyroglobulin antibody (ATG) by<br>Enzyme-linked immunosorbent assay<br>(ELISA)<br><br>Anti-thyroperoxidase (TPO) by<br>Enzyme-linked immunosorbent assay<br>(ELISA)<br><br>Anti-double stranded DNA (Anti-ds DNA) by<br>Enzyme-linked immunosorbent assay<br>(ELISA) | NOVA Lite™ ANCA test systems<br><br>KALLESTAD™ HEP-2 kit<br><br>EUROIMMUN Analyser I<br>Euroimmun anti-TG ELISA (IgG) test system<br><br>EUROIMMUN Analyser I<br>Euroimmun anti-TPO ELISA (IgG) test system<br><br>EUROIMMUN Analyser I<br>Euroimmun anti-dsDNA Ncx ELISA (IgG) test system |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Emergency Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |  |  |  |
|--|--|--|--|
| <b>DISCIPLINE</b><br>專科範疇  | <b>TEST AREA</b><br><b>OR SAMPLE TYPE</b><br>測試範圍或樣本種類 | <b>SPECIFIC EXAMINATION OR</b><br><b>PROPERTY MEASURED</b><br>特定測試或量度的特性   | <b>METHOD</b><br><b>OR TECHNIQUE USED</b><br>方法或應用技術 |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |  |  |  |
| <b>Chemical Pathology</b>  | <b>Blood gas and co-oximetry</b><br>Whole blood        | Base Excess-vt by<br>Calculation   | Siemens blood gases analyser 1200 series             |
|  |  | Bicarbonate by<br>Calculation  | Siemens blood gases analyser 1200 series             |
|  |  | Carboxyhaemoglobin by<br>Co-oximetry                                       | Siemens blood gases analyser 1200 series             |
|  |  | Chloride by<br>Potentiometry (Ion-Selective Electrode)                     | Siemens blood gases analyser 1200 series             |
|  |  | Ionized calcium by<br>Potentiometry (Ion-Selective Electrode)              | Siemens blood gases analyser 1200 series             |
|  |  | Methaemoglobin by<br>Co-oximetry   | Siemens blood gases analyser 1200 series             |
|  |  | Oxyhaemoglobin by<br>Co-oximetry   | Siemens blood gases analyser 1200 series             |
|  |  | O <sub>2</sub> Saturation by<br>Calculation                                | Siemens blood gases analyser 1200 series             |
|  |  | pCO <sub>2</sub> by<br>Potentiometry (pCO <sub>2</sub> -Sensing Electrode) | Siemens blood gases analyser 1200 series             |
|  |  | pH by<br>Potentiometry (Ion-Selective Electrode)                           | Siemens blood gases analyser 1200 series             |
| pO <sub>2</sub> by<br>Potentiometry (Oxygen-Sensing<br>Amperometric Electrode)   | Siemens blood gases analyser 1200 series               |  |  |



**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Emergency Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

**MEDICAL TESTING**

| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類 | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性                | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術                                   |
|--|--|---|--|
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |  |   |  |
| Chemical Pathology<br>(cont'd)   | General chemistry<br>Plasma              | Alanine transaminase (ALT) by<br>Spectrophotometry                        | Beckman Coulter AU5800 analyser<br>ALT Assay                             |
|  |  | Albumin by<br>Spectrophotometry   | Beckman Coulter AU5800 analyser<br>Albumin Assay                         |
|  |  | Albumin adjusted calcium by<br>Calculation                                | Beckman Coulter AU5800 analyser<br>(Calculated from albumin and calcium) |
|  |  | Alkaline Phosphatase (ALP) by<br>Spectrophotometry                        | Beckman Coulter AU5800 analyser<br>ALP Assay                             |
|  |  | Amylase by<br>Spectrophotometry   | Beckman Coulter AU5800 analyser<br>Amylase Assay                         |
|  | Plasma, body fluid                       | Aspartate Amino Transferase (AST) by<br>Spectrophotometry                 | Beckman Coulter AU5800 analyser<br>AST Assay                             |
|  | Plasma                                   | Bilirubin, Total by<br>Spectrophotometry                                  | Beckman Coulter AU5800 analyser<br>Bilirubin Assay                       |
|  |  | Bilirubin, Neonatal by<br>Spectrophotometry                               | Beckman Coulter AU5800 analyser<br>Bilirubin Assay                       |
|  |  | Calcium by<br>Spectrophotometry   | Beckman Coulter AU5800 analyser<br>Calcium Assay                         |
|  |  | Chloride by<br>Potentiometry (Indirect Ion-Selective<br>Electrode Method) | Beckman Coulter AU5800 analyser<br>Chloride Assay                        |
| Creatine kinase by<br>Spectrophotometry  |  | Beckman Coulter AU5800 analyser<br>Creatine Kinase Assay                  |  |
|  | Creatinine by<br>Spectrophotometry       | Beckman Coulter AU5800 analyser<br>Creatine (enzymatic methodology) Assay |  |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Emergency Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

**MEDICAL TESTING**

| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類      | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性                 | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術   |
|--|---|--|--|
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |  |  |
| Chemical Pathology<br>(cont'd)   | General chemistry (cont'd)<br>Plasma (cont'd) | Gamma glutamyl transferase (GGT) by<br>Spectrophotometry                   | Beckman Coulter AU5800 analyser<br>GGT Assay                                   |
|  |   | Globulin by<br>Calculation   | Beckman Coulter AU5800 analyser<br>(Calculated from Total Protein and Albumin) |
|  | Plasma, CSF                                   | Glucose by<br>Spectrophotometry  | Beckman Coulter AU5800 analyser<br>Glucose Assay                               |
|  | Plasma  | Glucose, Fasting by<br>Spectrophotometry                                   | Beckman Coulter AU5800 analyser<br>Glucose Assay                               |
|  |   | Iron by<br>Spectrophotometry   | Beckman Coulter AU5800 analyser<br>Iron Assay                                  |
|  | Plasma, CSF                                   | Lactate Dehydrogenase (LDH) by<br>Spectrophotometry                        | Beckman Coulter AU5800 analyser<br>LDH Assay                                   |
|  | Plasma  | Magnesium by<br>Spectrophotometry  | Beckman Coulter AU5800 analyser<br>Magnesium Assay                             |
|  | Serum, urine                                  | Osmolality by<br>Freezing point depression                                 | A2O Advanced Automated Osmometer   |
|  | Plasma  | Phosphate by<br>Spectrophotometry  | Beckman Coulter AU5800 analyser<br>Inorganic phosphorus Assay                  |
|  | Plasma, urine                                 | Potassium by<br>Potentiometry (Indirect Ion-Selective<br>Electrode Method) | Beckman Coulter AU5800 analyser<br>Potassium Assay                             |
| Plasma   | Protein, Total by<br>Spectrophotometry        | Beckman Coulter AU5800 analyser<br>Total Protein Assay                     |  |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Emergency Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

**MEDICAL TESTING**

| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類 | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性              | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術               |
|--|--|---|--|
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |  |   |  |
| Chemical Pathology<br>(cont'd)   | <b>General chemistry (cont'd)</b>        |   |  |
|  | CSF                                      | Protein, Total by<br>Turbidimetry                                       | Beckman Coulter AU5800 analyser<br>CSF/Urine Assay   |
|  | Plasma, urine                            | Sodium by<br>Potentiometry (Indirect Ion-Selective<br>Electrode Method) | Beckman Coulter AU5800 analyser<br>Sodium Assay      |
|  | Plasma                                   | Troponin I by<br>Immunoassay (Chemiluminescent label)                   | Beckman Coulter UniCel DxI 800<br>Access hsTnI Assay |
|  |  | Urate by<br>Spectrophotometry   | Beckman Coulter AU5800 analyser<br>Uric Acid Assay   |
|  |  | Urea by<br>Spectrophotometry  | Beckman Coulter AU5800 analyser<br>Urea Assay        |
|  | <b>Special chemistry</b>                 |   |  |
|  | Plasma                                   | Ammonia by<br>Spectrophotometry   | Beckman Coulter AU5800<br>Ammonia Assay              |
|  | Plasma, CSF                              | Lactate by<br>Spectrophotometry   | Beckman Coulter AU5800<br>Lactate Assay              |
|  | <b>Therapeutic drug<br/>monitoring</b>   |   |  |
| Serum  | Digoxin by<br>Spectrophotometry          | Beckman Coulter AU5800 analyser<br>Digoxin Assay                        |  |
|  | Lithium by<br>Spectrophotometry          | Beckman Coulter AU5800 analyser<br>Lithium Assay                        |  |
| Plasma   | Phenytoin by<br>Spectrophotometry        | Beckman Coulter AU5800 analyser<br>Phenytoin Assay                      |  |
|  | Theophylline by<br>Spectrophotometry     | Beckman Coulter AU5800 analyser<br>Theophylline Assay                   |  |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Emergency Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |  |  |  |
|--|--|--|--|
| <b>DISCIPLINE</b><br>專科範疇  | <b>TEST AREA</b><br><b>OR SAMPLE TYPE</b><br>測試範圍或樣本種類                   | <b>SPECIFIC EXAMINATION OR</b><br><b>PROPERTY MEASURED</b><br>特定測試或量度的特性 | <b>METHOD</b><br><b>OR TECHNIQUE USED</b><br>方法或應用技術   |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |  |  |  |
| Chemical Pathology<br>(cont'd)   | <b>Therapeutic drug</b><br><b>Monitoring</b> (cont'd)<br>Plasma (cont'd) | Valproic acid by<br>Spectrophotometry                                    | Beckman Coulter AU5800 analyser<br>Valproic Acid Assay |
|  | <b>Toxicology</b><br>Serum   | Acetaminophen (Paracetamol) by<br>Spectrophotometry                      | Beckman Coulter AU5800 analyser<br>Acetaminophen Assay |
|  |  | Ethanol by<br>Spectrophotometry  | Beckman Coulter AU5800 analyser<br>Ethanol Assay       |
|  |  | Salicylate by<br>Spectrophotometry                                       | Beckman Coulter AU5800 analyser<br>Salicylate Assay    |

**Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology**

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Emergency Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

| <b>MEDICAL TESTING</b>   |  |   |  |
|--|--|---|--|
| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類                         | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性  | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術   |
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |  |   |  |
| <b>Haematology</b>   | <b>Blood bank – General</b><br>EDTA whole blood                  | ABO and Rh (D) typing by<br>Red cell agglutination<br><br>DiaMed Gel technique<br><br>Antibody screening by<br>- DiaMed Gel technique<br><br>- Conventional method<br><br>Autologous transfusion<br><br>Crossmatch by<br>- Electronic crossmatch<br>- Immediate spin<br>- Indirect antiglobulin test<br><br>Red cell phenotyping by<br>- Direct agglutination<br>- Indirect antiglobulin test | Tile and tube techniques as documented in<br>AB-TM-02-02<br>Bio-Rad IH1000 system for automated Blood Group<br>system<br>Bio-Rad Gel Blood Group ID card<br><br>Method as documented in AB-TM-02-03 and<br>Bio-Rad IH1000 system for automated antibody<br>screening<br>Bio-Rad Gel with LISS/Coombs reagent card<br>Method as documented in AB-TM-02-07<br><br>Method as documented in AB-TM-01-07<br><br>Method as documented in AB-TM-02-05 |
|  | <b>Blood bank –<br/>Immunohaematology</b><br>Clotted whole blood | ABO and Rh (D) typing by<br>Red cell agglutination  | Tile and tube techniques as documented in<br>AH-TM-06-07   |
|  | <b>Coagulation</b><br>Citrate blood                              | Coagulation studies including<br>- Prothrombin time (PT)<br>- Activated partial thromboplastin time<br>(APTT)   | ACL TOP 750 Coagulation System   |

### Hospital Authority - Alice Ho Miu Ling Nethersole Hospital, Department of Pathology

醫院管理局 - 雅麗氏何妙齡那打素醫院病理部

Emergency Laboratory: 1/F, Block C, 11 Chuen On Road, Tai Po, New Territories, Hong Kong

香港新界大埔全安路十一號 C 座一樓

#### MEDICAL TESTING

| DISCIPLINE<br>專科範疇   | TEST AREA<br>OR SAMPLE TYPE<br>測試範圍或樣本種類  | SPECIFIC EXAMINATION OR<br>PROPERTY MEASURED<br>特定測試或量度的特性  | METHOD<br>OR TECHNIQUE USED<br>方法或應用技術                                |
|--|---|---|---|
| <b>This laboratory is accredited for performing the examinations and for providing clinical interpretation of the examinations listed below.</b> |   |   |   |
| Haematology<br>(cont'd)  | Haematology – General<br>EDTA whole blood | Complete blood count including <ul style="list-style-type: none"> <li>- Haemoglobin</li> <li>- Haematocrit</li> <li>- Leucocyte count (WBC count)</li> <li>- Mean corpuscular volume (MCV)</li> <li>- Mean corpuscular haemoglobin concentration (MCHC)</li> <li>- Mean corpuscular haemoglobin (MCH)</li> <li>- Platelet count</li> <li>- Red cell count</li> <li>- Red cell distribution width (RDW)</li> <li>- Mean Platelet Volume (MPV)</li> </ul> | Beckman Coulter UniCel DxH 800  |
|  |   | Leucocyte differential count by<br>Automated method   | Beckman Coulter UniCel DxH 800  |
|  |   | Malaria parasite examination by<br>Thick and thin films   | Smear preparation and Giemsa staining as documented<br>in AH-TM-07-01 |