

Name : Proficiency Testing Services Section, Division Proficiency Testing,  
Department of Medical Sciences, Ministry of Public Health

Address : 88/7 Tiwanon Road, Amphoe Mueang, Changwat Nonthaburi 11000

Accreditation Number : PTP - 0022

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Reference No. : 0303/18039

### Scope of Proficiency Testing Provider Accreditation

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Item Number	Proficiency Testing Programmes	Measurand (s)	PT Item	Frequency
1	Clinical Chemistry	<ul style="list-style-type: none"> <li>- Glucose</li> <li>- Blood Urea Nitrogen (BUN)</li> <li>- Creatinine</li> <li>- Uric acid</li> <li>- Total protein</li> <li>- Albumin</li> <li>- Total bilirubin</li> <li>- Aspartate transaminase (AST)</li> <li>- Alanine Transaminase (ALT)</li> <li>- Alkaline Phosphatase (ALP)</li> <li>- Total Cholesterol</li> <li>- Triglyceride</li> <li>- Sodium</li> <li>- Potassium</li> <li>- Chloride</li> <li>- Calcium</li> <li>- Phosphorus</li> <li>- Magnesium</li> </ul>	Lyophilized serum	3 rounds / year

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Item Number	Proficiency Testing Programmes	Measurand (s)	PT Item	Frequency
1 (cont.)	Clinical Chemistry	- HDL-cholesterol	Lyophilized serum	3 rounds / year
2	ABO and Rh blood groupings	- ABO blood grouping - Rh blood grouping	Red blood cell suspension and serum	3 rounds / year
3	Antibody screening and identification	- Unexpected antibody screening - Unexpected antibody identification	Red blood cell suspension and serum	3 rounds / year
4	Blood compatibility testing	- Blood Compatibility	Red blood cell suspension and serum	3 rounds / year
5	Complete blood count	- Red blood cell count - White blood cell count - Platelet count	Whole blood	3 rounds / year

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5 (cont.)	Complete blood count	- Hemoglobin - Hematocrit - Mean corpuscular volume (MCV) - Mean corpuscular hemoglobin (MCH) - Mean corpuscular hemoglobin concentration (MCHC)	Whole blood	3 rounds / year
6	Blood smear for hematology	- White blood cell differentiation - Red blood cell morphology - Platelet estimation	Stained blood smear slide	3 rounds/ year
7	Fecal occult blood	- Fecal occult blood	Stool or solution	1 round / year

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8	Syphilis test	- Nonspecific test - Specific test	Serum	3 rounds / year
9	Bacterial culture and identification	- Bacterial culture and identification	Bacteria in media	3 rounds / year
10	Antimicrobial susceptibility testing	- Antimicrobial susceptibility testing	Bacteria in media	3 rounds / year
11	Bacterial gram stain	- Bacterial gram stain	Bacterial smear slide	3 rounds / year
12	Mycobacterium acid fast stain	- Mycobacterium acid fast stain	Sputum smear slide	3 rounds/ year
13	Fungal screening by KOH preparation	- Fungal screening by KOH preparation	Fungal photo	3 rounds/ year

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Item Number	Proficiency Testing Programmes	Measurand (s)	PT Item	Frequency
14	Blood parasite examination	- Blood parasite	Stained blood smear	3 rounds/ year
15	Urine sediment examination	- Urine sediment	Urine sediment photo	3 rounds/ year
16	Stool sediment examination	- Stool sediment	Stool	3 rounds/ year
17	Urinalysis for chemical test scheme	- Specific gravity - pH - Leucocyte - Nitrite - Protein - Glucose - Ketone - Urobilinogen - Bilirubin - Blood	Urine	3 rounds/ year

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18	Human Chorionic Gonadotropin (HCG) in urine	- Human Chorionic Gonadotropin (HCG)	Urine	3 rounds/ year
19	HLA typing	- HLA-B*15:02 allele - HLA-B*57:01 allele - HLA-B*58:01 allele	DNA	1 round / year

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