

## POINT OF CARE TESTING



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ANALYTICAL EXCELLENCE...

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### Point of Care Test (MA-POCT)

#### FEATURES:

- This contrasts with the historical pattern in which testing was wholly or mostly confined to the medical laboratory, which entailed sending off specimens away from the point of care and then waiting hours or days to learn the results, during which time care must continue without the desired information
- The driving notion behind POCT is to bring the test conveniently and immediately to the patient. This increases the likelihood that the patient, physician and care team will receive the results quicker, which allows for immediate clinical management decisions to be made. POCT includes: blood glucose testing, blood gas and electrolytes analysis, rapid coagulation testing (PT/INR, Alere, Microvisk Ltd), rapid cardiac markers diagnostics (TRIAGE, Alere), drugs of abuse screening, urine strips testing, pregnancy testing, faecal occult blood analysis, food pathogens screening, haemoglobin diagnostics (HemoCue), infectious disease testing and cholesterol screening
- POCT is often accomplished through the use of transportable, portable and handheld instruments (eg, blood glucose meter, nerve conduction study device) and test kits (eg. CRP, HBA1C, Homocysteine, HIV salivary assay etc). Small bench analyzers or fixed equipment can also be used when a handheld device is not available, the goal is to collect the specimen and obtain the results in a very short period of time at or near the location of the patient so that the treatment plan can be adjusted as necessary before the patient leaves
- Cheaper, faster and smarter POCT devices have increased the use of POCT approaches by making it cost-effective for many diseases, such as diabetes, carpal tunnel syndrome (CTS) and acute coronary syndrome

**MODEL SPECIFICATION:**

| Name  | Spec    | Unit | Strip | Cassette |
|---|---------|------|-------|----------|
| HCG   |         | T    | √     | √        |
| FOB   |         | T    | √     | √        |
| Hepatitis B combo (HBsAg, HBsAb, HBeAg, HBeAb, HBcAb )                | Serum   | T    |       | √        |
| TORCH-IgM combo (TOX-IgM, RV-IgM, CMV-IgM, HSV- I -IgM, HSV- II -IgM) | Serum   | T    |       | √        |
| ANA   | Serum   | T    |       | √        |
| dsDNA   | Serum   | T    |       | √        |
| Malaria test kit (PF)   | Blood   | T    |       | √        |
| Malaria test kit (PV)   | Blood   | T    |       | √        |
| Malaria test kit(PV+PF)   | Blood   | T    |       | √        |
| HCV   |         | T    | √     | √        |
| HIV   | Serum   | T    | √     | √        |
| HIV   | Blood   | T    | √     | √        |
| TP (syphilis)   |         | T    | √     | √        |
| HBsAg   | (Blood) | T    | √     | √        |
| HBsAg   | Serum   | T    | √     | √        |
| HCG   |         | T    | √     |          |
| FOB   | 50T     | T    | √     | √        |
| Mp-Ab   |         | T    |       | √        |
| CP  | 40T     | T    | √     | √        |

|                |               |       |   |   |
|----------------|---------------|-------|---|---|
| RF             | 40T/BOX       | BOX   |   | √ |
| ASO            | 40T/BOX       | BOX   |   | √ |
| IGG            | 40T/BOX       | BOX   |   | √ |
| RF             | 40T/BOX       | BOX   |   | √ |
| Adv-Ag         | 10T           |       |   | √ |
| Dengue         | Ag, IgG, IgM, | COMBO |   | √ |
| HIV Ab         | 3.0mm Serum   | T     | √ |   |
| HIV            | Blood         | T     | √ |   |
| HBsAg          | Serum         | T     | √ |   |
| HCG            | 2.5mm HCG     | T     | √ |   |
| CHLAMYDIA      | CHLAMYDIA     | T     |   | √ |
| Syphilis       | Serum         | T     | √ | √ |
| HCV            | Serum         | T     | √ | √ |
| HBSAB          |               | T     | √ |   |
| HBsAg          | Blood         | T     | √ |   |
| HBsAg          | 20T/BOX Blood | T     | √ |   |
| HBV            |               | T     | √ |   |
| FOB            |               | T     | √ | √ |
| HAVAb          | IgM           | T     | √ |   |
| HEV            |               | T     | √ |   |
| H pillory (HP) | Stool         | T     | √ | √ |

|                                  |                 |   |   |   |
|----------------------------------|-----------------|---|---|---|
| H pillory (HP)                   | Blood           | T | √ | √ |
| F. Malaria LDH                   | 25T             | T |   | √ |
| Malaria p.f/p.v Test             | Blood           | T |   | √ |
| Malaria Pan, PAN+pf              | 3.0mm Blood     | T |   | √ |
| Malaria test kit (PF) MR         | 3.0mm           | T | √ |   |
| MOP                              | 3.0mm           | T | √ |   |
| MOP                              | 3.0mm           | T | √ |   |
| TOX (Toxoplasma Antibody)        | Blood 3.0       | T |   | √ |
| Typhoid                          | IgG /IgM strips | T | √ |   |
| PREGNANCY                        | Urine           | T |   | √ |
| Gonorrhea Rapid test             | Cervical Mucus  | T |   | √ |
| HBsAg                            | Blood           | T |   | √ |
| HCVAb                            | Blood           | T |   | √ |
| Syphilis (RPR)                   | Serum           |   | √ |   |
| Syphilis(RPR)                    | Blood           | T |   | √ |
| IgM anti-hepatitis A virus (HAV) | Serum           | T |   | √ |
| Chlamydia                        | 3.0mm           | T |   | √ |
| TP                               | Serum           | T |   | √ |
| TnI (Troponin I)                 |                 | T |   | √ |
| Microalbuminuria                 | 3.0mm Combo     | T |   | √ |
| TB                               | Blood           | T | √ | √ |

|   |             |   |   |   |
|---|-------------|---|---|---|
| TB  | Serum       | T | √ | √ |
| HBSAG                                       | Blood       | T | √ |   |
| Malaria test kit (PF)                       | Blood       | T |   | √ |
| Syphilis leptospira antibody test kit TP    | Serum       | T |   | √ |
| HCG pregnancy test kit                      | urine       | T |   | √ |
| Hepatitis B test cassette HBV               | Serum       | T |   | √ |
| Hepatitis C virus antibody test kit HCV     | Serum       | T |   | √ |
| HIV test kit                                | Serum       | T |   | √ |
| HCG pregnancy                               | Urine       | T | √ | √ |
| LH ovulation test kit人                      | Urine       | T | √ | √ |
| FSH Follicle-Stimulating Hormone            | Urine       | T | √ | √ |
| HAV Heapatitis A IgM antibody test kit      | Serum       | T | √ | √ |
| HBsAg test kit                              | Serum       | T | √ | √ |
| HBV Hepatitis B test cassette               | Serum       | T | √ | √ |
| HCV Hepatitis C virus antibody test kit     | Serum       | T | √ | √ |
| HEV Hepatitis E virus antibody test kit     | Serum       | T | √ | √ |
| TB Tuberculosisi antibody test reagent      | Serum       | T | √ | √ |
| HP-Ab Helicobacter pylori antibody test kit | Serum       | T | √ | √ |
| HP-Ag Helicobacter pylori antigen test kit  | Faeces      | T | √ | √ |
| Malaria test kit (PF)MR                     | Whole Blood | T | √ | √ |
| Malaria test kit (PV+PF)MR                  | Whole Blood | T | √ | √ |

|  |                                 |   |   |   |
|--|---------------------------------|---|---|---|
| Malaria test kit (PAN+PF)MR              | Whole Blood                     | T | √ | √ |
| HIV test kit                             | Serum                           | T | √ | √ |
| TP Syphilis leptospira antibody test kit | Serum                           | T | √ | √ |
| Chlamydia test kit                       | Endocervical/Urethral Specimens | T | √ | √ |
| NGH Gonorrhoea Test Device               | Endocervical/Urethral Specimens | T | √ | √ |
| Dengue IgG/IgM test kit                  | Whole Blood                     | T |   | √ |
| TOXO IgG/IgM test kit                    | Serum                           | T |   | √ |
| Typhoid IgG/IgM test kit                 | Serum                           | T |   | √ |
| Rubeola IgG/IgM test kit                 |                                 | T |   | √ |
| AFP test kit(Qualitative)                | Serum                           | T | √ | √ |
| CEA Carcinoembryonic antigen test kit    | Serum                           | T | √ | √ |
| FOB (fecal occult blood test kit)        | Faecal                          | T | √ | √ |
| PSA Prostate-specific antigen test kit   | Urine                           | T | √ | √ |
| MOP Morphine test kit                    | Urine                           | T | √ | √ |
| MET Methyl amphetamine test kit          | Urine                           | T | √ | √ |
| AMP Amphetamine test kit                 | Urine                           | T | √ | √ |
| COC Cocaine test kit                     | Urine                           | T | √ | √ |
| KET test kit                             | Urine                           | T | √ | √ |
| MTD Methadone test kit                   | Urine                           | T | √ | √ |
| THC Hemp test kit                        | Urine                           | T | √ | √ |
| BAR Barbitol test kit                    | Urine                           | T | √ | √ |

|                                   |                            |   |   |   |
|-----------------------------------|----------------------------|---|---|---|
| MDMA test kit                     | Urine                      | T | √ | √ |
| BZO Benzodiazepams test kit       | Urine                      | T | √ | √ |
| BUP Bupivacaine test kit          | Urine                      | T | √ | √ |
| Troponin I Troponin I Test Device | Whole Blood                | T |   | √ |
| Urine Glucose Test Strip          | Urine                      | T | √ |   |
| Urine 2A Test                     | Urine                      | T | √ |   |
| Urine 3A Test                     | Urine                      | T | √ |   |
| Urine 10A Test                    | Urine                      | T | √ |   |
| TB                                | Serum                      | T | √ | √ |
| HBsAg Test Strip                  | Serum/                     | T |   | √ |
| HBsAg Test Strip                  | Blood/Serum/Plasma         | T |   | √ |
| HCV Test Strip                    | Serum/Plasma               | T |   | √ |
| HIV Ab Strip                      | (Whole blood/Serum/Plasma) | T |   | √ |
| U-IgG                             | 20T/BOX                    | T |   | √ |
| CRP                               | 20T/BOX                    | T |   | √ |
| RF                                | 20T/BOX                    | T |   | √ |
| ASO                               | 20T/BOX                    | T |   | √ |
| TB IgM IgG                        | Combo                      | T |   | √ |