



Hormone/Neonatal



Total T3 ELISA Kit

E1010 | Serum

- To be used for the quantitative determination of total Triiodothyronine (T3) levels in human serum
- Based on the principle of Competitive Immuno assay
- Cross reactivity with T4 is < 0.29%
- Cross reactivity with rT3 is < 0.05%
- The Detection Limit is 0.2 ng/mL
- Open kit stability: 8 weeks at 2-8 °C, or until the expiration date
- 12 month shelf life at 2-8 °C storage
- Assay Time: 80 minutes



Total T4 ELISA Kit

E1020 | Serum

- To be used for the quantitative determination of total Thyroxine (T4) levels in human serum
- Based on the principle of Competitive Immuno assay
- Cross reactivity with T4 is < 0.43
- Cross reactivity with rT3 is < 0.24
- The detection limit 1.0 ug/dL
- Open kit stability: 8 weeks at 2-8 °C, or until the expiration date
- 12 month shelf life at 2-8 °C storage
- Assay Time: 80 minutes



TSH ELISA Kit

E1030 | Serum

- Principle of antibody sandwich technique for the quantitative determination of TSH in human serum
- Detects TSH concentrations as low as 0.035 μ IU/mL at 2SD
- Accuracy: $r = 0.98$ against reference ELISA by an external lab
- Hook Effect: No hook effect up to 8,000 μ IU/mL
- Open kit stability: 8 weeks at 2-8 °C, or until the expiration date
- 18 month shelf life at 2-8 °C storage
- Assay Time: 80 minutes



Free T3 ELISA Kit

E1011 | Serum

- Based on the principle of Competitive Immuno assay
- Sensitivity: 274 ± 0.077 pg/mL at 95% confidence level
- Specificity: <0.001 cross reactivity with l-thyroxine at 10 μ g/mL, iodotyrosine at 10 μ g/mL, diiodotyrosine at 10 μ g/mL, and d-thyroxine at 10 μ g/mL, respectively
- Accuracy: correlation coefficient 0.958 ± 0.087 at 95% confidence level
- Open kit stability: 8 weeks at 2-8 °C, or until the expiration date
- 12 month shelf life at 2-8 °C storage
- Assay Time: 75 minutes



Free T4 ELISA Kit

E1021 | Serum

- Based on the principle of Competitive Immuno assay
- Sensitivity: 0.047 ± 0.026 ng/dL at 95% confidence level
- Specificity: <0.001 cross reactivity with l-triiodothyronine at 100 μ g/dL, iodotyrosine at 100 μ g/mL and diiodotyrosine at 100 μ g/mL; 0.75 cross reactivity with d-thyroxine at 10 μ g/dL
- Accuracy: correlation coefficient 0.961 ± 0.012 at 95% confidence level
- Intra Assay Precision: CV < 1%
- Inter Assay Precision: CV < 3%
- Open kit stability: 8 weeks at 2-8 °C, or until the expiration date
- 12 month shelf life at 2-8 °C storage
- Assay Time: 75 minutes



Tropical/Parasitic



Dengue IgM ELISA Kit

AE0310 | Serum / Plasma

- IgM capture ELISA to ensure high specificity
- Detects IgM for all 4 serotypes or isolates
- SeraCare AccuSet Performance Panel (0845-0051): 100% agreement with a market leading Dengue IgM Capture ELISA
- Cross Reactivity: No cross reaction with CHIK, HCV, Syphilis, HBsAg, ANA, HIV, HAMA, H. pylori, RF, Malaria
- 2 month open vial stability
- Comparable accuracy to the leading IgM ELISA
- 18 month shelf life at 2-8 °C storage
- Assay time: Less than 120 minutes



Dengue IgG ELISA Kit

E0311 | Serum / Plasma

- IgG capture ELISA to ensures high specificity
- Detects IgG for all 4 serotypes or isolates
- Comparable accuracy to the leading IgG ELISA
- 2 month open vial stability
- Relative Sensitivity: 96.4%, Relative Specificity: 98.1%, Overall Agreement: 97.9%
- 18 month shelf life at 2-8 °C storage
- Assay Time: Less than 60 minutes



Dengue Ag (NS1) ELISA Kit

E0312 | Serum / Plasma

- Based on antibody sandwich technique
- Detects NS1 for all 4 serotypes or isolates
- Detects recombinant Dengue type 2 NS1 at a level as low as 0.3 ng/mL. No hook effect up to 0.1 mg/mL
- SeraCare Dengue Early Infection AccuSet Performance Panel: 100% agreement with PanBio
- Relative Sensitivity: 100%, Relative Specificity: 97.8%, Overall agreement: 98.0%
- 2 month open vial stability
- 18 month shelf life at 2-8 °C storage
- Assay Time: 135 minutes



CHIK IgM ELISA Kit

AE0315 | Serum / Plasma

- Based on the principle of the indirect immunoassay technique for the detection of IgM anti- Chikungunya virus in human serum or plasma.
- Relative Sensitivity: 91.3%, Relative Specificity: 96.8%, Overall Agreement: 96.4%
- Higher sensitivity than the leading Chik IgM ELISA
- 12 month shelf life at 2-8 °C storage
- Assay time: 95 minutes



Leptospira IgM ELISA Kit

E0330 | Serum / Plasma

- Principle of the indirect immunoassay technique
- Cross Reactivity: No false positive results were observed on specimens from Dengue, Malaria, Typhi, ANA, HAMA, RF, HIV, HBsAg, HCV, Syphilis, pylori
- Interference: No interference was seen with substances: Salicylic acid: 4.34 mmol/L; Glucose: 55 mmol/L; Sodium citrate: 1.3 %; Heparin: 3,000 U/L; Creatinine: 5 mmol/L; Bilirubin: 10 mg/dL; EDTA: 3.4 µmol/L
- Relative Sensitivity: 86.7%, Relative Specificity: 96.8%
- Open vial stability: 8 weeks at 2-8 °C, or until the expiration date
- 12 month shelf life at 2-8 °C storage
- Assay Time: 100 minutes



HIV 1+2 Ab ELISA Kit

AE0410 | Serum / Plasma

- Based on double Ag-Sandwich immunoassay technique to ensure high specificity
- Clear borderlines with high accuracy positive and negative controls
- Evaluated by NIB
- Sensitivity: 100% Specificity: 99.9% Overall Agreement:99.9%
- 18 month shelf life at 2-8 °C storage
- Assay time: 90 minutes



HIV Ag-Ab 4th Gen ELISA Kit

AE0420 | Serum / Plasma

- Based on double Ag/Ab-Sandwich immunoassay technique to ensure high specificity
- Solid microwells pre-coated with recombinant HIV-1, HIV-2 Ag and Anti-P24 Ab
- Sensitivity: 100 %, Specificity: 99.9 %
- Evaluated by NIB
- Detection sensitivity of P24 Ag is 50 pg/ml
- Comparable accuracy to the leading other ELISA kits
- 12 month shelf life at 2-8 °C storage
- Assay time: 90 minutes



HBsAg ELISA Kit

AE0710 | Serum / Plasma

- Based on double Ab-Sandwich immunoassay technique to ensure high specificity
- Detects both ad and ay hepatitis B surface antigen in human serum and plasma
- Detection of HBsAg in human serum or plasma at a level equal to or higher than 0.1 ng/ml
- Sensitivity: 100 %, Specificity: 99.78 %
- Evaluated by NIB
- 18 month shelf life at 2-8 °C storage
- Assay time: 110 minutes



HCV IgG ELISA Kit

AE0510 | Serum / Plasma

- Based on indirect immunoassay technique ensure high specificity
- Evaluated by NIB
- Performance evaluated with WHO Seracare Low Titer Panels (0810-0192) and found 100% sensitivity and specificity.
- Sensitivity: 100 %, Specificity: 99.81 %
- 18 month shelf life at 2-8 °C storage
- Assay time: 90 minutes



Hepatitis



HAV IgM ELISA Kit

E0100 | Serum / Plasma

- Utilizes IgM capture technique
- Detects IgM anti-HAV in serum or plasma
- Evaluated with BBI HAV serum conversion and HAV mixed titer performance panels
- Useful for identifying acute HAV infections
- Relative Sensitivity: 100%, Relative Specificity: 100%, Overall Agreement: 100%
- 12 month shelf life at 2-8 °C storage
- Assay time: 70 minutes



HEV IgM ELISA Kit

E0105 | Serum / Plasma

- Based on the the principle of the IgM capture technique
- Detects IgM anti-HEV in serum or plasma
- Useful for Identifying the acute HEV Infections.
- Relative Sensitivity: 100%, Relative Specificity: 100%, Overall Agreement: 100%
- 12 month shelf life at 2-8 °C storage
- Assay time: 75 minutes



ELISA Instruments

ALTA ELISA READER **ADX-110**

- Reliable, accurate, cost-effective instrument with 6" graphics LCD screen
- Touch panel/keypad and flexible programming with cut off and multistandard mode
- Optical Measurement: 8 Channel with wave length – 405nm, 450nm, 492nm, 630nm & four optional filters and Linear measurement range of 0 to 3.5 Absorbance unit
- Variable speed and duration on plate shaker
- Battery back up for 250 tests and more than 2500 results
- Unique circuit for lamp saving
- Built in thermal printer 52 columns
- Standalone machine, no need for external computers



ALTA ELISA WASHER **ADX-120**

- Reliable, cost-effective
- Specially designed removable Manifold assembly to prevent any scratching on bottom of well
- Ability to wash single strip of 8 wells to whole plate
- User programmable soak time, wash cycles and dispensing volume
- Waste bottle full warning with audible alarm
- Continuous aspiration to prevent overflow
- Auto detection of bottom of well and collision prevention
- Have inbuilt shaker and two plate incubator



RAPID TESTS

ELISA KITS

INSTRUMENTS

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