



Needs for assessing thyroid function:

- ▶ Around 42 million people in India suffer from various Thyroid related diseases
- ▶ One third of thyroid patients are unaware of their condition
- ▶ One in 10 adults in India suffer from hypothyroidism
- ▶ 45% of the pregnant women are found to have thyroid in their first trimester
- ▶ Monitor treatment of thyroid diseases



TSH ELISA Kit

AE1030 | Serum

- ▶ Analytical Sensitivity: 0.035 μ U/mL
- ▶ Linearity: 0 - 40 μ U/mL
- ▶ Method of Comparison: $r=0.986$ with reference CLIA
- ▶ Intra-assay precision: CV < 5.8 %
- ▶ Inter-assay precision: CV < 6.4 %



Total Triiodothyronine (T3) ELISA Kit

AE1010 | Serum

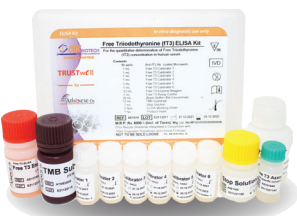
- ▶ Analytical sensitivity: 0.06 ng/mL
- ▶ Linearity: 0 - 8 ng/mL
- ▶ Method of Comparison: $r=0.99$ with reference ELISA
- ▶ Intra-assay precision: CV < 3.533
- ▶ Inter-assay precision: CV < 9.7%



Total Thyroxine (T4) ELISA Kit

AE1020 | Serum

- ▶ Analytical sensitivity: 0.176 μ g/dL
- ▶ Linearity: 0 - 25 μ g/dL
- ▶ Method of Comparison: $r=0.99$ with reference ELISA
- ▶ Intra-assay precision: CV < 5.10%
- ▶ Inter-assay precision: CV < 5.9%



Free T3 ELISA Kit New

AE1016 | Serum

- ▶ Analytical Sensitivity: 0.982 pg/mL
- ▶ Linearity: 0 - 20 pg/mL
- ▶ Method of Comparison: $r=0.91$ with reference ELISA
- ▶ Intra-assay precision: CV < 3.2 %
- ▶ Inter-assay precision: CV < 10.3 %



Free T4 ELISA Kit New

AE1026 | Serum

- ▶ Analytical Sensitivity: 0.202 ng/dL
- ▶ Linearity: 0 - 8 ng/dL
- ▶ Method of Comparison: $r=0.964$ with reference ELISA
- ▶ Intra-assay precision: CV < 4.66 %
- ▶ Inter-assay precision: CV < 8.7 %

- ▶ 6 Level calibration for quantitative determination
- ▶ Minimal assay time of ~ 75 minutes
- ▶ Competitive Immuno-assay for high sensitivity & specificity
- ▶ Packed with Internal assay controls for validation