

## Human Thyroid-Stimulating Hormone (TSH)

<b>Method:</b>	Access Chemiluminescent Immunoassay
<b>Kit Manufacturer:</b>	Beckman Coulter, Fullerton, CA
<b>Description:</b>	The Access HYPERsensitive hTSH assay is a paramagnetic-particle, chemiluminescence immunoassay for the quantitative determination of total TSH in human serum, using the Access Immunoassay System (Beckman Coulter, Chaska, MN). The Access HYPERsensitive (hTSH) assay is a solid-phase immunoenzymatic assay with virtually no cross-reactivity to other peptide hormones. The sensitivity and specificity of this test enables better discrimination between hyperthyroid and euthyroid patients.

### Collection and Performance Characteristics

<b>Tube type:</b>	Preferred: SST Alternate: Heparin
<b>Minimum Volume:</b>	0.5 mL
<b>Lowest Reportable Value:</b>	0.01 uIU/mL
<b>Dynamic Range:</b>	0.01-100 uIU/mL
<b>Precision:</b>	Intra-assay variation is 2.49-5.83 % Inter-assay variation is 2.76-10.62%
<b>Reference Range:</b>	0.5 – 5.0 uIU/mL