
Certificate of Analysis

Product: Goat anti-TSH (intact), Affinity Pure

Part Number: GtxHu-056-D
Lot Number: 27-65-083012
Concentration: 8.23 mg/ml (E^{1%} at 280 nm = 13.0)
Amount: 1.0 mg
Form: Clear, colorless liquid, 0.2µm filtered
Purification: Affinity purified using solid phase human TSH
Purity: ≥ 95% based on SDS-PAGE
Host: Goat
Immunogen: Purified TSH from human pituitary glands
Buffer: 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative: 0.05 % (w/v) Sodium Azide
Storage: 2-8 ° C
Expiration Date: February 6, 2021

Specificity: Human TSH, α and β subunits

Cross Reactivity: May cross react with the α subunits of LH, FSH, and hCG

Country of Origin: Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.

Pairing: This antibody pairs with the following antibodies

- Goat anti-TSH (β), Affinity Pure, Part # GtxHu-012-D
- Goat anti-HCG (α), Affinity Pure, Part # GtxHu-020-D

Applications: This antibody is suitable for use in most immunoassay formats for the detection of Human TSH. The optimal working dilution should be determined by the investigator.

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Testing Results

PRODUCT: Goat anti-Human TSH (intact), Affinity Pure
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<u>TEST</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear and Colorless	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS PAGE	PASS

SDS PAGE

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- 1) GtxHu-056-D, Lot # 27-65-083012
- 2) Mol Weight Standard

Date: February 6, 2019

Signature:  _____
Quality Control