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## Certificate of Analysis

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

Part Number: GtxHu-056-D  
Lot Number: 35-22-031414  
Concentration: 9.98 mg/ml (E<sup>1%</sup> at 280 nm = 13.0)  
Amount: 0.5 mg  
Form: Clear, colorless liquid, 0.2µm filtered  
Purification: Affinity purified using solid phase human TSH  
Purity: Affinity purified antibody is ≥ 95 % based on SDS-PAGE  
Host: Goat  
Immunogen: 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-alpha HCG/TSH/LH/FSH, Affinity Pure, Part # GtxHu-020-D

Applications: Suitable for use in: ELISA, WB, IHC, ICC, CL, FACS, IM, IF  
The optimal working dilution should be determined by the investigator.

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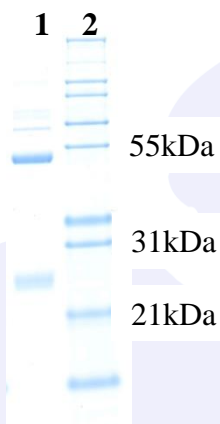
**Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.**

## Testing Results

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

### SDS-PAGE



- 1) GtxHu-056-D, Lot # 35-22-031414
- 2) Mol Weight Standard

Date: February 6, 2019

Signature: \_\_\_\_\_

  
Quality Control