

## Product Specifications

Product:	Goat anti-Human IgA ( $\alpha$ chain) - Affinity Pure
Description:	Goat anti-Human IgA ( $\alpha$ chain) - Affinity Pure, DyLight®800 Conjugate
Part Number:	GtxHu-001-D800NHSX
Concentration:	1.0 mg/ml (E 1% at 280 nm = 13.0)
Amount:	1.0 mg
Conjugate:	DyLight® 800 (Ex = 770 nm; Em = 794 nm)
Form:	Lyophilized
Purification:	Affinity purified using solid phase Human IgA
Purity:	Affinity purified antibody is > 95% based on SDS-PAGE
Host:	Goat
Immunogen:	Purified Human IgA, ( $\alpha$ chain)
Buffer:	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free
Preservative:	0.05% (w/v) Sodium Azide
Reconstitution:	Rehydrate with 1.1 ml of deionized water and let stand 30 minutes at room temperature to dissolve. (Product has been overfilled to ensure complete recovery.) Centrifuge to remove any particulates. Prepare fresh working dilution daily.
Storage:	Store freeze-dried powder at 2-8 °C.
Shelf Life:	Product is stable for up to 4 weeks at 2-8°C after rehydration. For extended storage after rehydration, add an equal volume of glycerol and store at -20°C.
Specificity:	Based on IEP, this antibody reacts with: <ul style="list-style-type: none"><li>• heavy (<math>\alpha</math>) chains on human IgA</li></ul>
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>• non-immunoglobulin human serum immunoglobulins</li><li>• light chains on all human immunoglobulins</li></ul>
Country of Origin:	Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Applications:	Flow Cytometry Immunofluorescence ELISA Immunomicroscopy

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