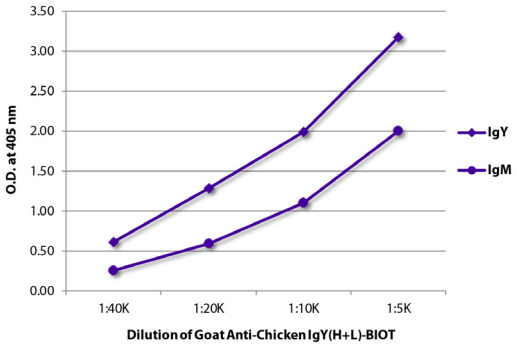
SouthernBiotech

Goat Anti-Chicken IgY(H+L)

Cat. No.	Format	Size
6100-01	Purified (UNLB)	1.0 mg
6100-02	Fluorescein (FITC)	1.0 mg
6100-04	Alkaline Phosphatase (AP)	1.0 mL
6100-05	Horseradish Peroxidase (HRP)	1.0 mL
6100-08	Biotin (BIOT)	1.0 mg
6100-09	R-phycoerythrin (PE)	0.5 mg
6100-30	Alexa Fluor® 488 (AF488)	1.0 mg



ELISA plate was coated with purified chicken IgY and IgM. Immunoglobulins were detected with Goat Anti-Chicken IgY(H+L)-BIOT (SB Cat. No. 6100-08) followed by Streptavidin-HRP (SB Cat. No. 7100-05).

Description

Specificity	Reacts with the heavy and light chains of chicken IgY
Source	Pooled antisera from goats hyperimmunized with IgY
Cross Adsorption	None; may react with immunoglobulins from other species and the light chains of other chicken immunoglobulins
Purification	Affinity chromatography on chicken IgY covalently linked to agarose

Applications

Quality tested applications include –
- ELISA [1-3,5-7]
- FLISA

Other referenced applications include –
- FC [8-10]
- IHC-PS [11]
- ICC [4,5,12-16]
- WB [1,3,4,17-23]

Working Dilutions

ELISA	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
FLISA	FITC and AF488 conjugates	1:200 – 1:400
	PE conjugate	≤ 1 µg/mL
Other Applications	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

For Research Use Only. Not for Diagnostic or Therapeutic Use.

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Handling and Storage

- The purified (UNLB) antibody is supplied as 1.0 mg purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added*. Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 1.0 mg in 1.0 mL of PBS/NaN_3. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL in a stock solution of 50 mM Tris/1 mM $MgCl_2$/50% glycerol, pH 8.0, containing NaN_3 as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL in a stock solution of 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied as 1.0 mg in 2.0 mL of PBS/NaN_3. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN_3 and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor® 488 (AF488) conjugate is supplied as 1.0 mg in 1.0 mL of PBS/NaN_3. Store at 2-8°C.
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific SDS.

References

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