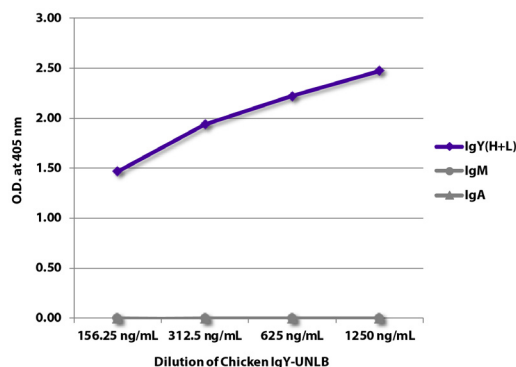




Chicken IgY Isotype Control

| Cat. No. | Format | Size |
|----------|------------------------------|--------|
| 0170-01 | Purified (UNLB) | 5.0 mg |
| 0170-05 | Horseradish Peroxidase (HRP) | 1.0 mL |



ELISA plate was coated with serially diluted Chicken IgY-UNLB (SB Cat. No. 0170-01). Immunoglobulin was detected with Goat Anti-Chicken IgY(H+L)-BIOT (SB Cat. No. 6100-08), Mouse Anti-Chicken IgM-BIOT (SB Cat. No. 8300-08), and Mouse Anti-Chicken IgA-BIOT (SB Cat. No. 8330-08) followed by Streptavidin-HRP (SB Cat No. 7100-05) and quantified.

Description

| | |
|----------------|---------------------|
| Isotype | Chicken IgY |
| Source | Normal chicken yolk |

Applications

Quality tested applications include –

FC¹
ELISA^{2,4}

Other referenced applications include –

ICC¹

Working Dilutions

| | | |
|---------------------------|--|--------------------------------|
| Flow Cytometry | Purified (UNLB) antibody | $\leq 1 \mu\text{g}/10^6$ |
| | For flow cytometry, the suggested use of these reagents is in a final volume of 100 μL | |
| ELISA | Purified (UNLB) antibody | $\leq 1 \mu\text{g}/\text{mL}$ |
| | HRP conjugate | 1:2,000 – 1:4,000 |
| Other Applications | Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need. | |

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Handling and Storage

- The purified (UNLB) IgY is supplied as 5.0 mg of 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 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.
- Reagents are stable for the period shown on the label if stored as directed.

References

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2. Alnassan AA, Shehata AA, Kotsch M, Schrödl W, Krüger M, Dauschies A, et al. Efficacy of early treatment with toltrazuril in prevention of coccidiosis and necrotic enteritis in chickens. *Avian Pathol.* 2013;42:482-90. (ELISA)
3. Bangoura B, Alnassan AA, Lendner M, Shehata AA, Krüger M, Dauschies A. Efficacy of an anticoccidial live vaccine in prevention of necrotic enteritis in chickens. *Exp Parasitol.* 2014;145:125-34. (ELISA)
4. Wiedmer S, Alnassan AA, Volke B, Thabet A, Dauschies A, Lendner M, et al. Passive immunization with *Eimeria tenella* gametocyte antigen 56 (EtGAM56) specific antibodies and active immunization trial with the epitope containing peptide. *Vet Parasitol.* 2017;247:100-7. (ELISA)