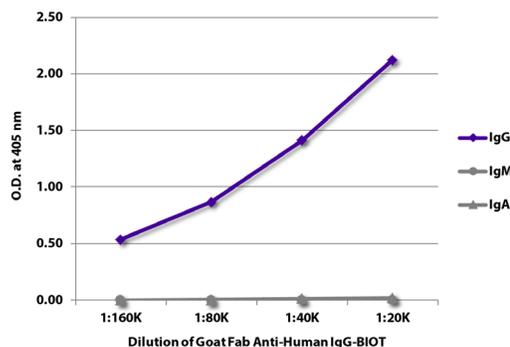




Goat Fab Anti-Human IgG

| Cat. No. | Format | Size |
|----------|------------------------------|--------|
| 2041-01 | Purified (UNLB) | 0.5 mg |
| 2041-02 | Fluorescein (FITC) | 0.5 mg |
| 2041-04 | Alkaline Phosphatase (AP) | 1.0 mL |
| 2041-05 | Horseradish Peroxidase (HRP) | 1.0 mL |
| 2041-08 | Biotin (BIOT) | 0.5 mg |



ELISA plate was coated with purified human IgG, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Fab Anti-Human IgG-BIOT (SB Cat. No. 2041-08) followed by Streptavidin-HRP (SB Cat. No. 7100-05).

Description

| | |
|-------------------------|--|
| Specificity | Reacts with the heavy chain of human IgG |
| Source | Papain digest of Goat Anti-Human IgG (SB Cat. No. 2040) |
| Cross Adsorption | Human IgM and IgA; may react with IgG from other species |

Applications

Quality tested applications include –

- ELISA ¹
- FLISA

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 conjugate | 1:200 – 1:400 |

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 0.5 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 0.5 mg in 1.0 mL of PBS/NaN₃. 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 MgCl₂/50% glycerol, pH 8.0, containing NaN₃ 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 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- 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

1. DiLillo DJ, Tan GS, Palese P, Ravetch JV. Broadly neutralizing hemagglutinin stalk-specific antibodies require FcγR interactions for protection against influenza virus in vivo. *Nat Med.* 2014;20:143-51. (ELISA)