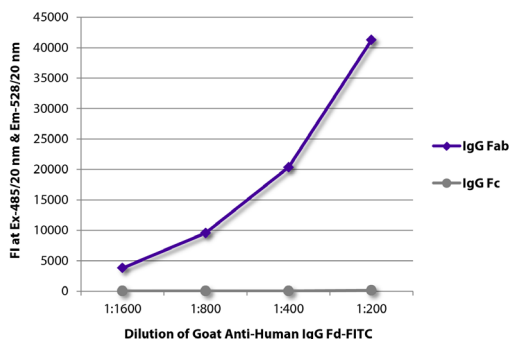




## Goat Anti-Human IgG Fd

Cat. No.	Format	Size
2046-01	Purified (UNLB)	0.5 mg
2046-02	Fluorescein (FITC)	0.5 mg
2046-04	Alkaline Phosphatase (AP)	1.0 mL
2046-05	Horseradish Peroxidase (HRP)	1.0 mL
2046-08	Biotin (BIOT)	0.5 mg



FLISA plate was coated with purified human IgG Fab and IgG Fc. Immunoglobulins were detected with serially diluted Goat Anti-Human IgG Fd-FITC (SB Cat. No. 2046-02).

### Description

<b>Specificity</b>	Reacts with the Fd region of human IgG
<b>Source</b>	Pooled antisera from goats hyperimmunized with human IgG
<b>Cross Adsorption</b>	Human IgG Fc, IgM, and IgA; may react with IgG from other species
<b>Purification</b>	Affinity chromatography on human IgG covalently linked to agarose

### Applications

Quality tested applications include –

- ELISA <sup>1</sup>
- FLISA

### Working Dilutions

<b>ELISA</b>	Purified (UNLB) antibody	≤ 1 µg/mL
	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
<b>FLISA</b>	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.**

Corporate Offices: 160 Oxmoor Blvd • Birmingham, AL 35209 • USA Mailing Address: P.O. Box 26221 • Birmingham, AL 35260 • USA

Tel: 205.945.1774 • U.S. and Canada: 800.722.2255 • Fax: 205.945.8768

Email: [info@southernbiotech.com](mailto:info@southernbiotech.com) • Website: [www.southernbiotech.com](http://www.southernbiotech.com)

## 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/NaN<sub>3</sub>. 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<sub>2</sub>/50% glycerol, pH 8.0, containing NaN<sub>3</sub> 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/NaN<sub>3</sub>. 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

---

1. Fong RH, Banik SS, Mattia K, Barnes T, Tucker D, Liss N, et al. Exposure of epitope residues on the outer face of the chikungunya virus envelope trimer determines antibody neutralizing efficacy. *J Virol.* 2014;88:14364-79. (ELISA)