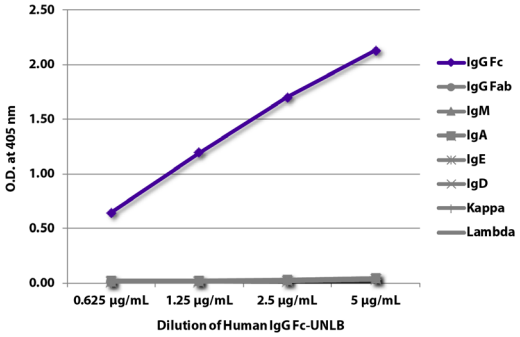
SouthernBiotech

Human IgG Fc Isotype Control

Cat. No.	Format	Size
0160-01	Purified (UNLB)	1.0 mg
0160-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg



ELISA plate was coated with serially diluted Human IgG Fc-UNLB (SB Cat. No. 0160-01). Immunoglobulin was detected with Goat Anti-Human IgG Fc-BIOT (SB Cat. No. 2048-08), Goat Anti-Human Ig Fab-BIOT (SB Cat. No. 2085-08), Mouse Anti-Human IgM-BIOT (SB Cat. No. 9020-08), Mouse Anti-Human IgA1-BIOT and Mouse Anti-Human IgA2-BIOT (SB Cat. No. 9130-08 and Cat. No. 9140-08), Mouse Anti-Human IgE Fc-BIOT (SB Cat. No. 9160-08), Mouse Anti-Human IgD-BIOT (SB Cat. No. 9030-08), Mouse Anti-Human Kappa-BIOT (SB Cat. No. 9230-08), and Mouse Anti-Human Lambda-BIOT (SB Cat. No. 9180-08) followed by Streptavidin-HRP (SB Cat No. 7100-05) and quantified.

Description

Isotype Human IgG Fc

Source Papain digest of human IgG (SB Cat. No. 0150)

Applications

Quality tested applications include –
ELISA [1]

Other referenced applications include –
FC [1]
In vitro control [1]

Working Dilutions

ELISA	Purified (UNLB) antibody	≤ 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.

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

- The purified (UNLB) IgG is provided at a concentration of 1.0 mg/mL 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 low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. Contains no preservative; handle under aseptic conditions. Store at 2-8°C or aliquot into smaller volumes and store at -20°C. Avoid multiple freeze / thaw cycles.
- Reagents are stable for the period shown on the label if stored as directed.

References

1. Zhou Y, Hagood JS, Lu B, Merryman WD, Murphy-Ullrich JE. Thy-1-integrin αvβ5 interactions inhibit lung fibroblast contraction-induced latent transforming growth factor-β1 activation and myofibroblast differentiation. J Biol Chem. 2010;285:22382-93. (ELISA, FC, *in vitro* control)

In accordance with current Good Manufacturing and Good Laboratory Practices (cGMP/cGLP), any protein of human blood origin should be handled pursuant to your organization's documented safety procedures and as if it is capable of transmitting infection. This product has **NOT** been tested for viral, bacterial, or other infectious agents such as, but not limited to, HIV, HbsAg, and HCV.

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