

Datasheet for ABIN101574

Sheep anti-Human IgG (Heavy & Light Chain) Antibody (HRP)[Go to Product page](#)**1** Image

Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA

Product Details

Immunogen:	Human IgG whole molecule
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody

Application Details

Application Notes: This product has been assayed against 1.0 µg of Human IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:6,000 to 1:36,000 of the reconstitution concentration is suggested for this product.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Restore with deionized water (or equivalent)

Concentration: 2.0 mg/mL

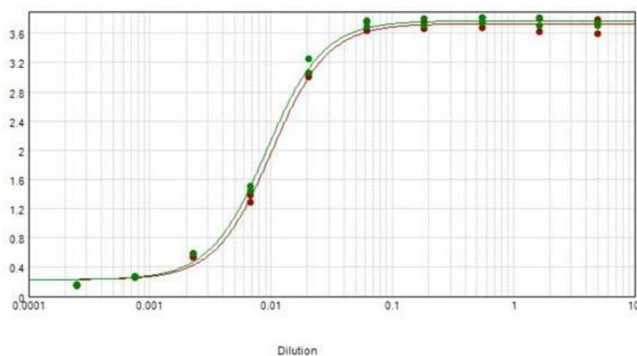
Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: Gentamicin sulfate

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: 4 °C

Images



ELISA

Image 1. ELISA results of purified Sheep Anti-Human IgG Peroxidase Conjugated Antibody tested against purified Human IgG. Each well was coated in duplicate with 1.0 µg of Human IgG (red line). The starting dilution of antibody was 5µg/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using TMB-1000 substrate.