

## Goat anti-mouse IgG, HRP conjugated

### Product overview

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<b>Catalog number</b>	C-20-0001
<b>Specificity</b>	Antibody recognizes mouse immunoglobulin G
<b>Description</b>	Polyclonal goat antibody, HRP conjugated.
<b>Product buffer solution</b>	10 mM phosphate, pH 7.2, 0.9% NaCl, 50% glycerol with 0.1% ProClin™ 300 as a preservative
<b>Shelf life and storage</b>	Unspecified, storage at -20°C
<b>Analyte description</b>	Immunoglobulin G (IgG) is a monomeric immunoglobulin, built of two heavy chains and two light chains. Each IgG has two antigen binding sites.

### Parameters tested on each lot

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<b>Product appearance</b>	Light yellow to red-brown clear liquid
<b>Product concentration</b>	0.80-1.20 mg/ml
<b>ELISA</b>	1:5,000 - 1:10,000

### Parameters determined during product development

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<b>Cross-reactivities</b>	Not Determined (N/D)	
<b>Epitope</b>	N/D	
<b>Applications</b>	ELISA, Western Blot	
<b>Recommended dilutions</b>	ELISA	1:5,000 - 1:100,000
	Western Blot	1:5,000 - 1:100,000
<b>Product stability</b>	TEMPERATURE, TIME	RESULT
	+4 °C, 21 days	OK
	+37 °C, 7 days	OK

Stability testing is performed in the product buffer to see whether different temperatures affect the antigen binding. Please note that the shelf life given on the first page is based on real time stability testing at -20°C in the product buffer.

