

## Anti-human IgG, HRP conjugated

### Product overview

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<b>Catalog number</b>	C-20-0004
<b>Specificity</b>	Antibody recognizes human immunoglobulin G
<b>Description</b>	Monoclonal mouse 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. It is the most abundant immunoglobulin and is approximately equally distributed in blood and in tissue liquids, constituting 75 % of serum immunoglobulins in humans. There are four IgG subclasses (IgG1, 2, 3 and 4) in humans, named in order of their abundance in serum (IgG1 being the most abundant).

### Parameters tested on each lot

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<b>Product appearance</b>	Light yellow to red-brown clear liquid
<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	
<b>Recommended dilutions</b>	ELISA	1:5,000 - 1:100,000
<b>Product stability</b>	TEMPERATURE, TIME +37 °C, 7 days	RESULT OK

Stability testing is performed in the product buffer to see whether different temperatures affect the antibody 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.

