

## Product specifications

Name	Goat anti-mouse IgG, HRP conjugated
Specificity	Antibody recognizes mouse immunoglobulin G
Description	Polyclonal goat antibody, HRP conjugated.
Product code	C-20-0001
Product buffer solution	10 mM phosphate, pH 7.2, 0.9% NaCl, 50% glycerol with 0.1% ProClin as a preservative
Shelf life and storage	6 months from manufacturing, storage at -20 °C (based on real time stability testing at -20°C in the product buffer, will be updated when more data available.)
Analyte description	Immunoglobulin G (IgG) is a monomeric immunoglobulin, built of two heavy chains and two light chains. Each IgG has two antigen binding sites. There are four IgG subclasses (IgG1, 2, 3 and 4), named in order of their abundance in serum (IgG1 being the most abundant).

## Parameters tested on each lot

Product appearance	Red-brown liquid
Product concentration	1.0 mg/ml (+/- 20 %)
ELISA	80- 120 % compared to reference sample
Western blot	Applicable

## Parameters determined during product development

Cross-reactivities	N/D	
Epitope	N/D	
Applications	ELISA, Western Blot	
Recommended dilutions	ELISA	1:5,000 - 1:100,000
	Western Blot	1:5,000 - 1:100,000
Product stability	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.	

