

Description	Horseradish-conjugated polyclonal goat IgG	
Product code	GIgG/PO	
Biological origin	Goat	
Physical form	Horseradish peroxidase coupled purified goat IgG in phosphate buffered saline (pH7.2).	
Preservative	No preservative added	
Physicochemical characteristics	IgG concentration 10 mg/ml. Peroxidase/IgG protein molar ratio (E/P) approximately 1.7.	
Conjugation procedure	Conjugation is carried out using a proprietary modification of the periodate method, followed by several purification steps. After each step activity tested in a variety of techniques. No foreign protein has been added. The conjugate is lyophilized to assure stability and long shelf life.	
Intended use	As a substitute for a non-relevant antibody, labelled with peroxidase or an alternative for the goat PAP complex. Working dilutions for histochemical and cytochemical use are usually between 1:100 and 1:500; in ELISA and comparable non-precipitating techniques 1:2,000 and 1:10,000.	
Directions for use	The conjugate is shipped at ambient temperature and may be stored at +4°C, prolonged storage at -20°C. Reconstitute the lyophilized antiserum by adding 1 ml sterile distilled water. Spin down to remove insoluble particles, divide into small aliquots, and store frozen at or below -20°C. Prior to use an aliquot is thawed at ambient temperature, spun down again, and used to prepare working dilutions by adding sterile PBS pH7.2). Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the conjugate. Diluted conjugate should be stored at +4°C, not refrozen, and preferably used the same day.	
Packing	Vial with 1 ml lyophilized conjugate.	
Storage / shelf life	Lyophilized at +4°C reconstituted at or below -20°C reconstituted at +4°C	at least 10 years 3-5 years 7 days
Caution	This product should be handled by qualified persons only and appropriate precautions should be taken in its handling and disposal, and of all associated materials. For <i>in vitro</i> research purposes only.	

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