Description	**Precipitating polyclonal goat antiserum to horseradish peroxidase**
Product code	GA/PO
Biological origin	Goat
Physical form	Delipidated, heat inactivated, lyophilized, stable whole serum.
Preservative	No preservative added.
Immunogen	Highly purified peroxidase isolated from horseradish. Freund's complete adjuvant is used in the first step of the immunization procedure.
Identity & Specificity	The defined antibody activity is to horseradish peroxidase as tested in gel immunodiffusion techniques.
Cross-reactivity	Inter-species cross-reactivity is a normal feature of antibodies to proteins, since homologous proteins of different species frequently share antigenic determinants. Cross-reactivity of this antiserum has not been tested in detail.
Protein concentration	Total protein and IgG concentrations in the antiserum are comparable to those of normal pooled goat serum. No foreign proteins added.
Antibody titre	Precipitin titre not less than 1:32 when tested against twofold series dilutions of horseradish peroxidase in agar-block immunodiffusion titration.
Intended use	In precipitating techniques as immunoelectrophoresis and single and double radial immunodiffusion (Mancini, Ouchterlony) immuno-nephelometry and in solid phase methodology.
Packing	Vial with 1 ml lyophilized antiserum.
Storage / shelf life	Lyophilized at +4°C — at least 10 years reconstituted at or below -20°C — 3-5 years reconstituted at +4°C — 7 days
Handling	The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. Reconstitute the lyophilized antiserum by adding 1 ml sterile distilled water. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). 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 antiserum. Diluted antiserum should be stored at +4°C, not refrozen, and preferably used the same day.
Caution	This antiserum should be handled by qualified persons only and appropriate precautions should be taken in its handling and disposal, and of all associated materials. For *in vitro* research purposes only.

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