

GeNei™ Chicken IgY Purification Kit

Description: Egg yolks collected from chicken immunized with specific antigen is an excellent source of polyclonal antibodies. The large amount of lipids in egg yolk and the inability of IgY to bind to protein A or Protein G make its purification difficult. **GeNei™** IgY Purification Kit provides an easy solution to extract antibody from the yolk.

The procedure consists of two precipitations and two centrifugations which can be done within an hour. The antibody or IgY obtained is about 75% pure. Additional step of precipitation will improve the purity level to 90%. One kit is sufficient for extracting IgY from 5 eggs.

Materials Provided:

- Precipitation solution A
- Precipitation solution B
- Filter paper discs
- Instruction Manual

Storage: 4°C.

Ordering Information:

Product	Size	Cat #
GeNei™ Chicken IgG Purification Kit (1 ml column)	1 No.	105574

GeNei™ HRP Labelling Kit

These kits are specially developed for labelling antibodies with biotin, fluorescein or horseradish peroxidase. The kits may also be used for labelling other proteins and peptide hormones.

Description: The chemistry is based on oxidation reaction of carbohydrate moiety of HRP and coupling it to amino group of lysine residue on the protein of interest. This kit is offered in two sizes, 5 reactions and 2 reactions. In each reaction, 2 mg of HRP is coupled to 2 mg of pure antibody. 2-3 moles of HRP can be incorporated per mole of the antibody. **The conjugate can be prepared with ease and consistency within 3 hours.**

Materials Provided:

- Oxidation reaction tubes with 2 mg HRP
- Coupling reaction tubes
- Reducing solution
- Quench buffer
- Desalting column of 10 ml
- Phosphate buffered saline concentrate
- Stabilizer
- Instruction manual.

Storage: 4°C.

Ordering Information:

Product	Size	Cat #
GeNei™ HRP Labelling Kit (2 reactions)	1 No.	105559
GeNei™ HRP Labelling Kit (5 reactions)	1 No.	105558