

## Product datasheet for **RA021GAL**

### Streptavidin (Beta-Galactosidase conjugated) Protein

#### Product data:

<b>Product Type:</b>	Native Proteins
<b>Description:</b>	Streptavidin (Beta-Galactosidase conjugated) protein, 1 mg
<b>Protein Source:</b>	S. avidinii
<b>Concentration:</b>	lot specific
<b>Purity:</b>	Prepared from electrophoretically pure Streptavidin.
<b>Buffer:</b>	Presentation State: Aff - Purified State: Liquid (sterile filtered) purified Ig fraction. Buffer System: 0.02 M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2, 0.01 M Magnesium Chloride and 0.01 M Beta-Mercaptoethanol, containing 10 mg/ml BSA (IgG and Protease free) as stabilizer and 0.01% (w/v) Sodium Azide as preservative. <b>Label:</b> Beta-Galactosidase (E. coli, MW 540, 000 daltons)
<b>Preparation:</b>	Liquid (sterile filtered) purified Ig fraction.
<b>Applications:</b>	Suitable for Immunoblotting (Western or Dot blot), ELISA and Immunohistochemistry as well as other beta galactosidase-avidin/biotin based enzymatic assays. This product has been assayed against 1.0 µg of biotinylated IgG in a standard capture ELISA using OPNG as a substrate for 30 minutes at room temperature. <u>Recommended Dilutions:</u> ELISA: 1/8000-1/32000. Western Blot: 1/500-1/2500. Immunohistochemistry: 1/200-1/1000.
<b>Note:</b>	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti- beta galactosidase (E.coli) and anti-Streptavidin. No reaction was observed against anti-Avidin.
<b>Storage:</b>	Store vial at 2-8°C before opening. <b>DO NOT FREEZE!</b> This product is stable at 2-8°C as an undiluted liquid. Dilute only prior to immediate use. Freezing beta galactosidase conjugates will result in a substantial loss of enzymatic activity.
<b>Stability:</b>	Shelf life: one year from despatch.



[View online »](#)