

## Product datasheet for **R1615HRP**

### Biotin Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	Immunoblotting (Western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency. <b>Recommended Dilutions:</b> ELISA: 1/140,000. Western blot: 1/3000-1/15,000. Immunohistochemistry: 1/1000-1/5000.
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Biotin conjugated to Keyhole Limpet Hemocyanin (KLH)
Specificity:	This product was prepared from monospecific antiserum by Immunoaffinity Chromatography using Biotin coupled to sepharose beads. Assay by Immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Biotinylated Bovine Serum Albumin and biotinylated IgG.
Formulation:	0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 Label: HRP State: Lyophilized purified IgG fraction Stabilizer: 10 mg/ml BSA (IgG and Protease free) Preservative: 0.01% (w/v) Gentamicin Sulfate Label: Horseradish Peroxidase
Reconstitution Method:	Restore with 1.0 ml of deionized water or equivalent.
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	HRP
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.



[View online »](#)

**Stability:** Shelf life: one year from despatch.

**Background:** Biotin is a water soluble vitamin, generally classified as a B complex vitamin, also called vitamin B4. After the initial discovery of biotin, nearly forty years of research were required to establish it as a vitamin. Biotin is required by all organisms but can only be synthesized by bacteria, yeasts, molds, algae, and some plant species. Biotin is required as prosthetic group of enzymes involved in incorporation of carbon dioxide into organic compounds. Biotin has a MW of 244 Da.

**Synonyms:** Vitamin B7, Vitamin H

**Note:** **Do Not Add Sodium Azide!**