



## NP [HGG] (DAGB506)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

Species	N/A
Conjugate	HGG
Applications	ELISA
Format	yellow powder
Size	1 mg, 5 mg
Buffer	Conjugation is determined at pH 8.5 by measuring NP absorbance at 430nm, using the extinction coefficient of NP= $4.23 \times 10^3$ . The conjugation ratio is given as a molar ratio of NP to HGG assuming the molecular weight of HGG is 156,000. Store solution in aliquots at -20°C. Protect from light. This product can be dissolved in PBS buffer, water or other neutral buffers at a concentration of 1mg/mL. Product may precipitate when stored in solution, therefore it is recommended to centrifuge the solutions briefly before use and use only the supernatant. When using PBS please refer to the formulation below. PBS Formulation: 8 g NaCl 0.2 g KCl 0.2 g potassium di-hydrogen phosphate (KH <sub>2</sub> PO <sub>4</sub> ) 1.15 g di-sodium hydrogen phosphate (Na <sub>2</sub> HPO <sub>4</sub> ) Add to 1 L of water.
Preservative	None
Storage	2 to 8 °C
Ship	Ambient

### BACKGROUND

Introduction	4-Hydroxy-3-nitrophenylacetyl hapten is conjugated to HGG (Human gamma globulin) lysine by amide bonds.
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