



## TNP [BSA-Biotin] (DAGB524)

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

### PRODUCT INFORMATION

<b>Species</b>	N/A
<b>Conjugate</b>	BSA-Biotin
<b>Applications</b>	ELISA
<b>Format</b>	yellow to orange powder
<b>Size</b>	5 mg
<b>Buffer</b>	Conjugation is determined at pH 7.0 by measuring TNP absorbance at 348 nm using 1.54 x 10E+04 as the extinction coefficient of TNP and is given as a molar ratio of TNP to BSA assuming the molecular weight of BSA is 66,430. The spectral properties listed for this product are the properties of the hapten and not of the hapten-carrier conjugate. The biotin moiety is not quantified. Store solution in aliquots at -20°C. Protect from light. This product can be dissolved in water or phosphate buffered saline (PBS) pH 7.2 at a concentration of 1 mg/mL. 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.
<b>Preservative</b>	None
<b>Storage</b>	2 to 8 °C
<b>Ship</b>	Ambient

### BACKGROUND

<b>Introduction</b>	Biotin OSu is conjugated to 2,4,6-Trinitrophenyl-Bovine Serum Albumin. This product is homologous to TNP-BSA.
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