

CERTIFICATE OF ANALYSIS - VeraBind Biotin™

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Product Name: VeraBind Biotin (anti-conjugated-biotin antibody produced in mouse)		
Cat. No. 400040	Type: Monoclonal IgG1	Size: 500 µg
Lot #: 20190829	Source: Mouse	Specificity: Conjugated Biotin

Product Description: Monoclonal antibody (clone B2) raised in mouse against conjugated-Biotin.

Specificity:

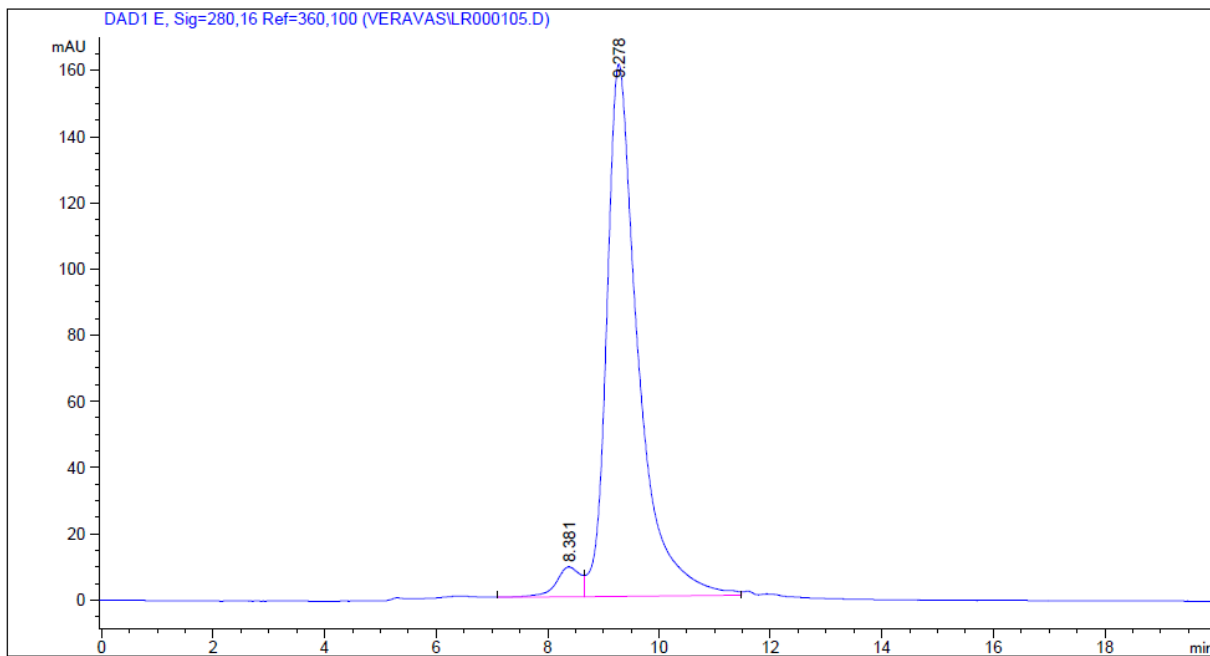
Conjugate	Binding Affinity (KD)*
Biotin-NHS-IgG	<1.0 x 10 ⁻¹² M
Biotin-PEG(4)-IgG	<1.0 x 10 ⁻¹² M

*A Fortebio Octet HTX System and Bio-Layer Interferometry (BLI) was used to determine the binding constants (KD) of different biotin conjugates to VeraBind Biotin.

Functionality: QC Testing by ELISA showed activity of VeraBind Biotin vs the following linked Biotin: Biotin-NHS; Biotin-LC-LC-NHS; Biotin-Peg(4)-NHS; Biotin-Chromalink-NHS (a product of Trilink BioTechnologies)

Purity: Affinity purified (Protein G) mouse IgG in PBS, lyophilized.

SEC by HPLC: Phenomenex s4000 SEC column on Agilent 1100 HPLC; 96% monomeric IgG



Reconstitution Instruction: To prepare 2 mg/mL concentration, add 250 µL purified water on ice. Incubate 5 minutes then mix gently.

Storage: Upon receipt, store lyophilized at -20°C. Avoid multiple freeze-thaw cycles after reconstitution.

Precautions: This product is for research use only. Not for use in diagnostic or therapeutic procedures.