

AmeriDx® BIOTIN ASSAYS

Quantitative Analysis of Conjugated Biotin

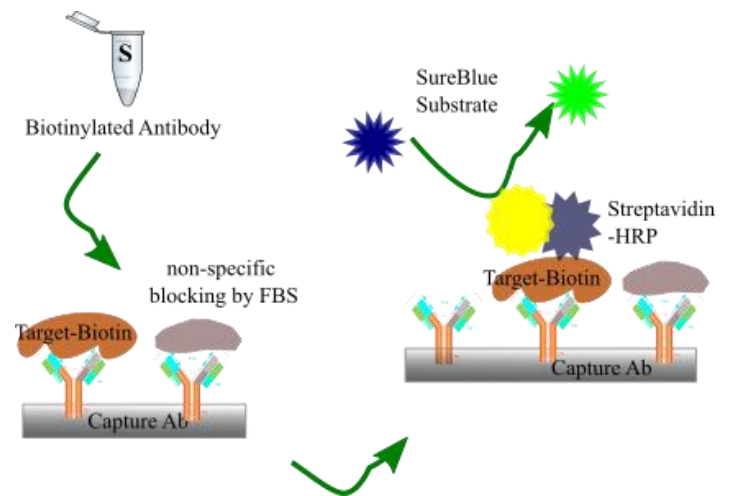


■ Conjugated Biotin Quantification

A sandwich assay to quantitatively measure the number of biotin molecules conjugated to bio-macromolecules.

■ Assays

1. Mix your samples (antibody-biotin conjugates, cell culture soup, or other solutions harboring the biotin-protein conjugates), incubate for 5-30 minutes.
2. Transfer the mix and standards (included in the kit) to the ELISA plate, incubate 20-40 minutes.
3. Wash the plate with washing buffer and incubate with HRP substrate.
4. Color development, stop the reaction with Stop Solution, and read the plate in an ELISA plate reader with 450nm filter.



■ Sensitivity and Specificity

When using SureBlue Substrate (included in the kit), linear range is 10 pg to 1.0 ng/mL.

Specificity is under investigation.

■ Limitation

This kit will provide the biotin amount (A_{biotin}) in the sample solution, if desalt conjugated antibody used, the biotin indicates the conjugation efficiency

Order Information

Product Name	Catalog No
Biotin Quantification Assay (mouse Ab)	E21231225
Biotin Quantification Assay (rabbit Ab)	E21231226
Biotin quantification Assay (general)	E21231227



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