

Biotin elisa kit

Biotin ELISA Kit

CATALOG #
AAA15819

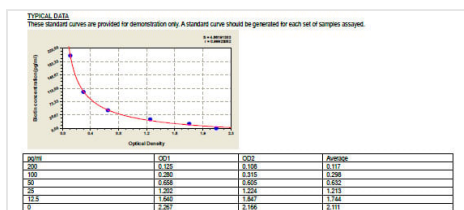
PRODUCT SYNONYMS

Biotin ELISA Kit; Biotin; Biotin elisa kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of biotin. No significant cross-reactivity or interference between biotin and analogues was observed.
Sequence Length	320
Assay Type	Competitive
Samples	Serum, plasma from human, mouse and other species
Detection Range	12.5 pg/ml-200 pg/ml
Sensitivity	< 4.986pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Biotin elisa kit

Principle of the Assay: This assay employs the direct competitive inhibition enzyme immunoassay technique. The microplate was pre-coated with Avidin. Add Biotin (Standards or samples) to the well, and then add HRP-conjugated Biotin. A competitive inhibition reaction is launched between Biotin (Standards or samples) and HRP conjugated Biotin with the Avidin. The substrate solutions are added to the wells, respectively. And the color develops in opposite to the amount of Biotin bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI # [320088538](#)

UniProt Accession #	E9A979
Molecular Weight	35,396 Da
NCBI Official Full Name	biotin
UniProt Protein Name	Biotin
UniProt Gene Name	birA
UniProt Synonym Gene Names	SENTW_4215
UniProt Entry Name	E9A979_SALET

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/elisa-kits/biotin-elisa-kit/15819>