

Human Anti-nuclear antibody (ANA) ELISA Kit | ANA elisa kit

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CATALOG #
AAA54979

REACTIVITY
Human

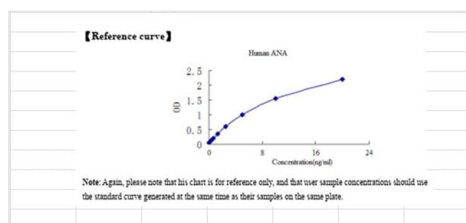
PRODUCT SYNONYMS

Anti-nuclear antibody (ANA); Human Anti-nuclear antibody (ANA) ELISA Kit; ANA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	601
Assay Type	Sandwich
Samples	Human serum, plasma, or cell culture supernatant.
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANA elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antigen Sandwich ELISA technique. The pre-coated antigen is a related-Human ANA antigen, while the detection antigen is another antigen. Samples are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

12230032

NCBI GeneID	13496
Molecular Weight	64,173 Da
NCBI Official Full Name	AT-rich interactive domain-containing protein 3A
NCBI Official Synonym Full Names	AT rich interactive domain 3A (BRIGHT-like)
NCBI Official Symbol	Arid3a
NCBI Official Synonym Symbols	Dri1; Dril1; Bright
NCBI Protein Information	AT-rich interactive domain-containing protein 3A; dead ringer homolog 1; dead ringer-like protein 1; ARID domain-containing protein 3A; B-cell regulator of IgH transcription; AT rich interactive domain 3A (Bright like)
UniProt Protein Name	AT-rich interactive domain-containing protein 3A
UniProt Gene Name	Arid3a
UniProt Synonym Gene Names	Dri1; Dril1; ARID domain-containing protein 3A; Bright
UniProt Entry Name	ARI3A_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/anti-nuclear-antibody-ana/54979>