

Human Anti-nuclear Antibody, ANA ELISA Kit | ANA elisa kit

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CATALOG #
AAA15388

REACTIVITY
Human

PRODUCT SYNONYMS

Anti-nuclear Antibody; ANA; Human Anti-nuclear Antibody; ANA ELISA Kit; ANA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human anti-nuclear antibody(ANA). No significant cross-reactivity or interference between human anti-nuclear antibody(ANA) and analogues was observed.
Sequence Length	252
Samples	Serum
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three positive samples were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three positive samples 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

TYPICAL DATA

Test parameter	specification	test result
Positive control	>1.0	1.584
Negative control	<0.1	0.084
Positive rate	10. Positive	100%
Negative rate	10. Negative	100%

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANA
elisa kit

Principle of the Assay: This assay employs the qualitative enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with antigen. Samples are pipetted into the wells with anti-human IgG conjugated Horseradish Peroxidase (HRP). Any antibodies specific for the antigen present will bind to the pre-coated antigen. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of human anti-nuclear antibody(ANA) bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3738222
NCBI GeneID	10950

UniProt Accession #	Q14201 ; Q53XV1 ; Q96ET7 ; D3DSC4
Molecular Weight	34,163 Da
NCBI Official Full Name	ANA
NCBI Official Synonym Full Names	BTG family, member 3
NCBI Official Symbol	BTG3
NCBI Official Synonym Symbols	ANA; TOB5; TOFA; TOB55
NCBI Protein Information	protein BTG3; protein Tob5; B-cell translocation gene 3; abundant in neuroepithelium area protein
UniProt Protein Name	Protein BTG3
UniProt Gene Name	BTG3
UniProt Synonym Gene Names	ANA; TOB5
UniProt Entry Name	BTG3_HUMAN

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/15388>