

Mouse anti-nuclear Antibody (IgG) ELISA Kit | BTG3 elisa kit

Mouse anti-nuclear Antibody, IgG ELISA Kit

CATALOG #
AAA15301

REACTIVITY
Mouse

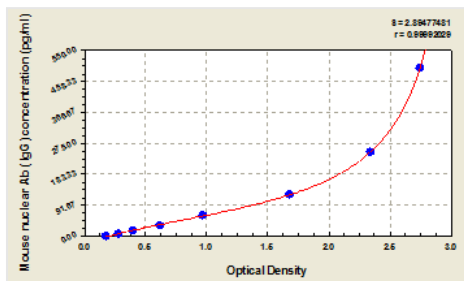
PRODUCT SYNONYMS

anti-nuclear Antibody (IgG); Mouse anti-nuclear Antibody; IgG ELISA Kit; Mouse anti-nuclear Antibody (IgG) ELISA Kit; BTG3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse anti-nuclear antibody(IgG). No significant cross-reactivity or interference between mouse anti-nuclear antibody(IgG) and analogues was observed.
Sequence Length	252
Samples	Serum, plasma
Detection Range	7.8 pg/ml-500 pg/ml
Sensitivity	< 1.95 pg/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 BTG3 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with anti-mouse IgG antibody. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antigen and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain anti-mouse IgG antibody, biotin-conjugated antigen and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of anti-nuclear antibody(IgG) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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://www.aaabiotech.com/mouse-elisa-kits/anti-nuclear-antibody-igg/15301>