

Mouse X-Ray Repair Cross Complementing 6 (XRCC6) ELISA Kit | XRCC6 elisa kit

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CATALOG #
AAA65751

REACTIVITY
Mouse

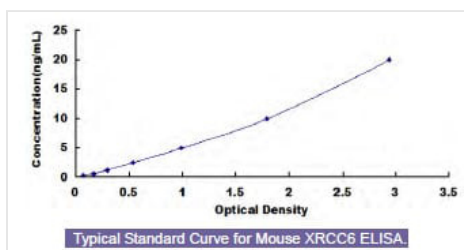
PRODUCT SYNONYMS

X-Ray Repair Cross Complementing 6 (XRCC6); Mouse X-Ray Repair Cross Complementing 6 (XRCC6) ELISA Kit; Ku70; CTC75; CTCBF; G22P1; ML8; TLAA; Lupus Ku Autoantigen Protein P70; ATP-Dependent DNA Helicase 2 Subunit 1; CTC box-binding factor 75 kDa; Thyroid-lupus autoantigen; XRCC6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of XRCC6. No significant cross-reactivity or interference between XRCC6 and analogues was observed.
Sequence Length	608
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.107ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level XRCC6 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level XRCC6 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for XRCC6 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of XRCC6 in mouse tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to XRCC6. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to XRCC6. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain XRCC6, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of XRCC6 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145587104
NCBI GeneID	14375
NCBI Accession #	NP_034377.2
NCBI GenBank Nucleotide #	NM_010247.2
UniProt Accession #	P23475; O88212; Q3UJL8; Q62027; Q62382; Q62453; Q6GTV8; Q8QZX7
Molecular Weight	69,484 Da
NCBI Official Full Name	X-ray repair cross-complementing protein 6
NCBI Official Synonym Full Names	X-ray repair complementing defective repair in Chinese hamster cells 6
NCBI Official Symbol	Xrcc6
NCBI Official Synonym Symbols	Ku70; 70kDa; G22p1
NCBI Protein Information	X-ray repair cross-complementing protein 6
UniProt Protein Name	X-ray repair cross-complementing protein 6
UniProt Gene Name	Xrcc6
UniProt Synonym Gene Names	G22p1; Ku70; 5'-dRP/AP lyase Ku70; CTC75; CTCBF; Ku70

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/mouse-elisa-kits/x-ray-repair-cross-complementing-6-xrcc6/65751>