

Mouse Xeroderma Pigmentosum, Complementation Group C (XPC) ELISA Kit | XPC elisa kit

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CATALOG # AAA65953	REACTIVITY Mouse
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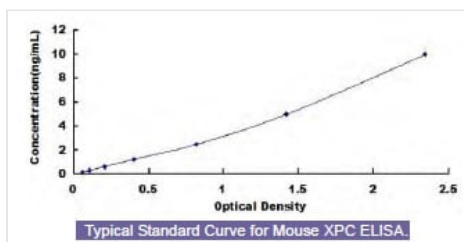
PRODUCT SYNONYMS

Xeroderma Pigmentosum; Complementation Group C (XPC); Mouse Xeroderma Pigmentosum; Complementation Group C (XPC) ELISA Kit; XP-C; XP3; XPCC; RAD4; Xeroderma Pigmentosum Group C Protein; DNA repair protein complementing XP-C cells; XPC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of XPC. No significant cross-reactivity or interference between XPC and analogues was observed.
Sequence Length	930
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.061ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level XPC 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 XPC 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 XPC elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of XPC 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 XPC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to XPC. 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 XPC, 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 XPC 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 #	121247429
NCBI GeneID	22591
NCBI Accession #	NP_033557.2
NCBI GenBank Nucleotide #	NM_009531.2
UniProt Accession #	P51612; P54732; Q3TKI2; Q920M1; Q9DBW7
Molecular Weight	104,522 Da
NCBI Official Full Name	DNA repair protein complementing XP-C cells homolog
NCBI Official Synonym Full Names	xeroderma pigmentosum, complementation group C
NCBI Official Symbol	Xpc
NCBI Protein Information	DNA repair protein complementing XP-C cells homolog
UniProt Protein Name	DNA repair protein complementing XP-C cells homolog
UniProt Gene Name	Xpc

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/xeroderma-pigmentosum-complementation-group-c-xpc/65953>