

Human Xeroderma Pigmentosum, Complementation Group D (XPD) RTU ELISA Kit | XPD rtu elisa kit

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CATALOG #
AAA219274

REACTIVITY
Human

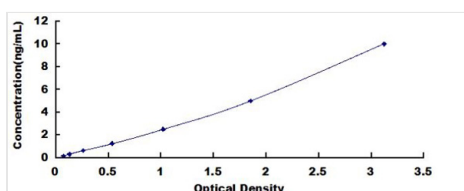
PRODUCT SYNONYMS

Xeroderma Pigmentosum; Complementation Group D (XPD); Human Xeroderma Pigmentosum; Complementation Group D (XPD) ELISA Kit; CXPd; BTF2 p80; EM9; TTD; ERCC2; TFIIH basal transcription factor complex 80 kDa; De Sanctis-Cacchione; Excision Repair Cross-Complementing Rodent Repair Deficiency 2; XPD rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	760
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.056ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for XPD rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to XPD. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to XPD. 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 XPD, 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 $\pm$ 10nm. The concentration of XPD in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15834617
NCBI GeneID	2068
NCBI Accession #	NP_000391.1
NCBI GenBank Nucleotide #	NM_000400.3
UniProt Accession #	P18074; Q2TB78; Q2YDY2; Q7KZU6; Q8N721
Molecular Weight	46,274 Da
NCBI Official Full Name	general transcription and DNA repair factor IIH helicase subunit XPD isoform 1
NCBI Official Synonym Full Names	ERCC excision repair 2, TFIIH core complex helicase subunit
NCBI Official Symbol	ERCC2
NCBI Official Synonym Symbols	EM9; TTD; XPD; TTD1; COFS2; TFIIH
NCBI Protein Information	general transcription and DNA repair factor IIH helicase subunit XPD
UniProt Protein Name	General transcription and DNA repair factor IIH helicase subunit XPD
UniProt Gene Name	ERCC2
UniProt Synonym Gene Names	XPD; XPDC; TFIIH subunit XPD; BTF2 p80; TFIIH 80 kDa subunit; TFIIH p80

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-rtu-elisa-kits/xeroderma-pigmentosum-complementation-group-d-xpd/219274>