

Human Xeroderma Pigmentosum, Complementation Group G (XPG) RTU ELISA Kit | XPG rtu elisa kit

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CATALOG #
AAA219275

REACTIVITY
Human

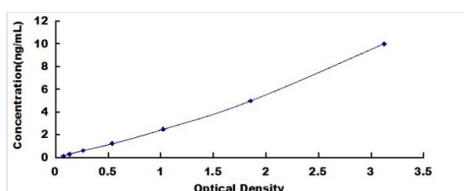
PRODUCT SYNONYMS

Xeroderma Pigmentosum; Complementation Group G (XPG); Human Xeroderma Pigmentosum; Complementation Group G (XPG) ELISA Kit; ERCM2; ERCC5; UVDR; XPGC; Excision Repair Cross-Complementing Rodent Repair Deficiency 5; Cockayne Syndrome; DNA repair protein complementing XP-G cells; XPG rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1186
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.042ng/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 XPG rtu elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	51988900
NCBI GeneID	2073
NCBI Accession #	NP_000114.2
NCBI GenBank Nucleotide #	NM_000123.3
UniProt Accession #	P28715; Q5JUS4; Q5JUS5; Q7Z2V3; Q8IZL6; Q8N1B7; Q9HD59; Q9HD60; A6NGT4
Molecular Weight	27,259 Da
NCBI Official Full Name	DNA repair protein complementing XP-G cells
NCBI Official Synonym Full Names	ERCC excision repair 5, endonuclease
NCBI Official Symbol	ERCC5
NCBI Official Synonym Symbols	XPG; UVDR; XPGC; COFS3; ERCM2; ERCC5-201
NCBI Protein Information	DNA repair protein complementing XP-G cells
UniProt Protein Name	DNA repair protein complementing XP-G cells
UniProt Gene Name	ERCC5
UniProt Synonym Gene Names	ERCM2; XPG; XPGC

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-g-xpg/219275>