

Human UV Excision Repair Protein RAD23 Homolog B (RAD23B) ELISA Kit | RAD23B elisa kit

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CATALOG #
AAA331169

REACTIVITY
Human

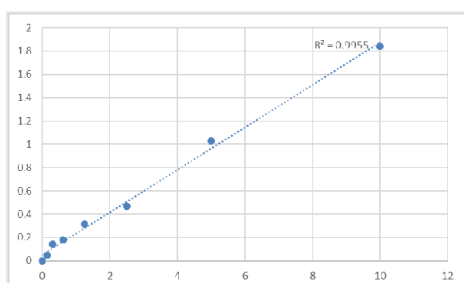
PRODUCT SYNONYMS

UV Excision Repair Protein RAD23 Homolog B (RAD23B); Human UV Excision Repair Protein RAD23 Homolog B (RAD23B) ELISA Kit; RAD23B; RP11-131A5.1; HHR23B; HR23B; P58; RAD23; yeast homolog of; B; UV excision repair protein RAD23 homolog B; XP-C repair complementing complex 58 kDa; XP-C repair complementing protein; RAD23B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human UV excision repair protein RAD23 homolog B (RAD23B) ELISA Kit has high sensitivity and excellent specificity for detection of Human RAD23B. No significant cross-reactivity or interference between Human RAD23B and analogues was observed.
Sequence Length	337
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human UV excision repair protein RAD23 homolog B (RAD23B) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for RAD23B elisa kit	Description: This Human UV excision repair protein RAD23 homolog B (RAD23B) ELISA Kit employs a two-site sandwich ELISA to quantitate RAD23B in samples. An antibody specific for RAD23B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RAD23B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RAD23B is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of RAD23B bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: RAD23B is one of two human homologs of Saccharomyces cerevisiae Rad23, a protein involved in the nucleotide excision repair (NER). This protein was found to be a component of the protein complex that specifically complements the NER defect of xeroderma pigmentosum group C (XP-c) cell extracts in vitro. This protein was also shown to interact with, and elevate the nucleotide excision activity of 3-methyladenine-DNA glycosylase (MPG), which suggested a role in DNA damage recognition in base excision repair. This protein contains an N-terminal ubiquitin-like domain, which was reported to interact with 26S proteasome, and thus this protein may be involved in the ubiquitin mediated proteolytic pathway in cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	347800665
NCBI GeneID	5887
NCBI Accession #	NP_001231653.1
NCBI GenBank Nucleotide #	NP_001231653.1
UniProt Accession #	P54727
NCBI Official Full Name	UV excision repair protein RAD23 homolog B isoform 3
NCBI Official Synonym Full Names	RAD23 homolog B, nucleotide excision repair protein
NCBI Official Symbol	RAD23B
NCBI Official Synonym Symbols	P58; HR23B; HHR23B
NCBI Protein Information	UV excision repair protein RAD23 homolog B
UniProt Protein Name	UV excision repair protein RAD23 homolog B
UniProt Gene Name	RAD23B
UniProt Synonym Gene Names	HR23B; hHR23B; p58
UniProt Entry Name	RD23B_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://stage.aaabiotech.com/human-elisa-kits/uv-excision-repair-protein-rad23-homolog-b-rad23b/331169>