XRCC6 (Human) Cell-Based ELISA Kit

Catalog # KA2962 Size 1 Kit

Specification

Product Description	XRCC6 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative det ermination of XRCC6 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — XRCC6

Entrez GeneID	2547
Protein Accession#	P12956
Gene Name	XRCC6
Gene Alias	CTC75, CTCBF, G22P1, KU70, ML8, TLAA
Gene Description	X-ray repair complementing defective repair in Chinese hamster cells 6

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Omim ID	152690
Gene Ontology	Hyperlink
Gene Summary	The p70/p80 autoantigen is a nuclear complex consisting of two subunits with molecular masses of approximately 70 and 80 kDa. The complex functions as a single-stranded DNA-dependent AT P-dependent helicase. The complex may be involved in the repair of nonhomologous DNA ends s uch as that required for double-strand break repair, transposition, and V(D)J recombination. High levels of autoantibodies to p70 and p80 have been found in some patients with systemic lupus ery thematosus. [provided by RefSeq
Other Designations	ATP-dependent DNA helicase II, 70 kDa subunit|CTC box binding factor 75 kDa subunit|Ku autoa ntigen p70 subunit|Ku autoantigen, 70kDa|OTTHUMP00000028581|thyroid autoantigen 70kD (Ku antigen)|thyroid autoantigen 70kDa (Ku antigen)|thyroid-lupus autoantigen

Pathway

- Non-homologous end-joining

Disease

- Adenocarcinoma
- Brain Neoplasms
- Breast cancer
- Breast Neoplasms
- Carcinoma
- Cardiovascular Diseases
- Central Nervous System Neoplasms
- Diabetes Mellitus
- DNA Damage
- Edema
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Genomic Instability

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- Glioma
- Head and Neck Neoplasms
- Kidney Failure
- Lung Neoplasms
- Male Urogenital Diseases
- Micronuclei
- Mouth Neoplasms
- Multiple Sclerosis
- Neoplasms
- Ovarian cancer
- Ovarian Neoplasms
- Prostate cancer
- Prostatic Neoplasms
- Pterygium
- Radiodermatitis
- Urinary Bladder Neoplasms
- Werner syndrome

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