

Product Datasheet

Cellular UV DNA-Damage Detection Assay Kit KA0293

Unit Size: 1 Kit

Store at 4°C.

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KA0293**Cellular UV DNA-Damage Detection Assay Kit**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4°C.

Product Description	
Description	Cellular UV DNA-Damage Detection Kit is a non-isotopic immunoassay used for the semi-quantitative measurement of CPDs (cyclobutane pyrimidine dimers) in genomic DNA formed by UV-irradiation to cells.
Species	Human, Bovine
Kit Components	Fixing/Denaturing Solution: Ready to use., Blocking Solution, 10X Wash Buffer: 10 X Wash Buffer containing Tween® -20., 20X Primary Antibody Solution: anti-cyclobutane pyrimidine dimers antibody. 6, Primary Antibody Dilution Buffer, 20X Secondary Antibody Solution: HRP (horseradish peroxidase) conjugated Secondary Antibody., Secondary Antibody Dilution Buffer, Substrate Reagent: chromogenic substrate, tetra-methylbenzidine (TMB), Stop Solution: 1 N H2SO4
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Suitable Sample Type	Cultured cells
Sample Volume	1-4 x 10 ⁴ cells/well

Product Application Details	
Applications	Functional
Recommended Dilutions	Functional

Publications

Eveliina K, Niina P, Maria H et al. Only IL-1? release is inflammasome-dependent upon ultraviolet B irradiation although IL-18 is also secreted. FASEB J. 2020-03-19 [PMID: 32190930]

Beesetti S, Surabhi RP, Rayala SK et al. Mechanics of PAK1-A new molecular player in the arena of skin cancer. J Cell Physiol 2018-08-04 [PMID: 30076705]

Park JH, Kim WS, Kim JY et al. Chk1 and Hsp90 cooperatively regulate phosphorylation of endothelial nitric oxide synthase at serine 1179. Free Radic Biol Med. 2011-09-24 [PMID: 22001744]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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