

Urea Assay Kit

Urea (Urease method) assay kit

CATALOG #
AAA172731

PRODUCT SYNONYMS

Urea; Urea (Urease method) assay kit; Urea assay kit

PRODUCT SPECIFICATIONS

Sequence Length	100
Assay Type	Qualitative Competitive
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

ADDITIONAL INFORMATION

Related Product Information for Urea assay kit

Principle of the Assay: Unlike most cell-based BrdU assay kits that can only measure qualitative differences in BrdU incorporation, the CytoSelect BrdU Competitive ELISA kit allows quantitative measurement of BrdU. The unknown BrdU-containing samples or free BrdU standards are first added to a BrdU conjugate preadsorbed microplate. After a brief incubation, an anti-BrdU monoclonal antibody is added, followed by an HRP conjugated secondary antibody. The BrdU content in unknown samples is determined by comparison with a predetermined BrdU standard curve!!Background/Introduction: Bromodeoxyuridine (BrdU) is a synthetic analog of the natural nucleoside thymidine. BrdU is commonly used in the detection of proliferating cells in living tissues. Introduction of BrdU to cells results in uptake and incorporation into the newly synthesized DNA of replicating cells in place of thymidine. Antibodies specific for BrdU can then be used to detect the incorporated BrdU. The CytoSelect BrdU Competitive ELISA Kit is a competitive enzyme immunoassay developed for rapid detection and quantitation of BrdU in DNA samples. The quantity of BrdU in unknown samples is determined by comparing its absorbance with that of a known BrdU standard curve. The kit has detection sensitivity limit of 80 ng/mL BrdU. Each CytoSelect BrdU Competitive ELISA Kit provides sufficient reagents to perform up to 96 assays, including standard curve and unknown samples.

NCBI AND UNIPROT INFORMATION

NCBI GI #	545797
NCBI Official Full Name	UreA

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/assay-kits/urea/172731>