

Human 8-Hydroxydeoxyguanosine (8-OHdG) ELISA Kit | 8-OHdG elisa kit

Human 8-Hydroxydeoxyguanosine, 8-OHdG ELISA Kit

CATALOG #
AAA15667

REACTIVITY
Human

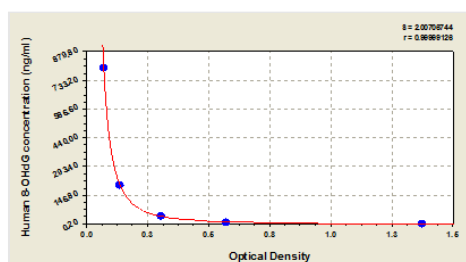
PRODUCT SYNONYMS

8-Hydroxydeoxyguanosine (8-OHdG); Human 8-Hydroxydeoxyguanosine; 8-OHdG ELISA Kit; Human 8-Hydroxydeoxyguanosine (8-OHdG) ELISA kit; 8-OHdG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human 8-OHdG. No significant cross-reactivity or interference between human 8-OHdG and analogues was observed.
Samples	Serum, urine
Assay Type	Quantitative Competitive
Detection Range	3.12 ng/ml-800 ng/ml
Sensitivity	<3.12 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 8-OHdG elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are added to the appropriate microtiter plate wells with antibody specific for 8-OHdG and Horseradish Peroxidase (HRP) conjugated goat-anti-mouse antibody. The competitive inhibition reaction is launched between with pre-coated 8-OHdG and 8-OHdG in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of 8-OHdG in the sample. The color development is stopped and the intensity of the color is measured.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/8-hydroxydeoxyguanosine-8-ohdg/15667>