

Human 8-OHdG (DNA Damage) ELISA Kit | 8-OHdG elisa kit

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CATALOG #
AAA278736

REACTIVITY
Human

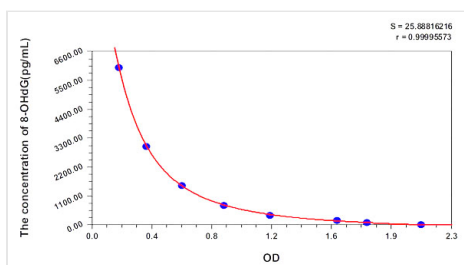
PRODUCT SYNONYMS

8-OHdG (DNA Damage); Human 8-OHdG (DNA Damage) ELISA Kit; 8OHdG; 7; 8-Dihydro-8-Oxo-2'-Deoxyguanosine; 8-Dihydro-8-Oxodeoxyguanosine; 8-Hydroxy-2'-Deoxyguanosine; 8-Oxo-DG; 8-Hydroxydeoxyguanosine; 8-OHdG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Competitive Inhibition
Samples	serum, plasma and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	0.59ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 8-OHdG elisa kit

Test Principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human 8-OHdG protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 8-OHdG. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human 8-OHdG in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for 8-OHdG elisa kit

Metabolic pathway; Tumor immunity; Infection immunity; Endocrinology; Hematology; Hepatology

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.