Deoxypyridinoline (DPD) ELISA Kit for Human

PRODUCT OVERVIEW

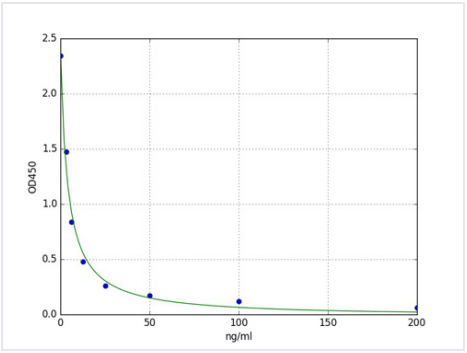
Product Name	Deoxypyridinoline (DPD), ELISA Kit
Full Product Name	Human Deoxypyridinoline ELISA Kit
Product Gene Name	DPD elisa kit
Product Synonym Names	DPD/Deoxypyridinoline
Species Reactivity	Human
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	3.125-200ng/ml
Sensitivity	1.875ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Related Product Information for DPD elisa kit	Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Human DPD. During the reaction,Human DPD in the sample or standard competes with a fixed amount of Human DPD on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to Human DPD. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of Human DPD in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Other Notes	Small volumes of DPD elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DPD purchase	MBS761956 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Deoxypyridinoline (DPD) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing DPD. The ELISA analytical biochemical technique of the MBS761956 kit is based on DPD antibody-DPD antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect DPD antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, DPD. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).

Typical Data & Standard Curve

Results of a typical standard run of a Human DPD ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	3.125	6.25	12.5	25	50	100	200
Y	OD450	2.166	1.903	1.514	1.227	0.913	0.636	0.464	0.338

Typical Testing Data of DPD elisa kit



Typical Standard Curve of DPD elisa kit

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/dpd-human-elisa-kits/deoxypyridinoline/761956