



User's Manual

Human 3MH(3-methylhistidine) ELISA Kit



DEIA-NS2307-30



96T



This product is for research use only and is not intended for diagnostic use.

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

Creative Diagnostics

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PRODUCT INFORMATION

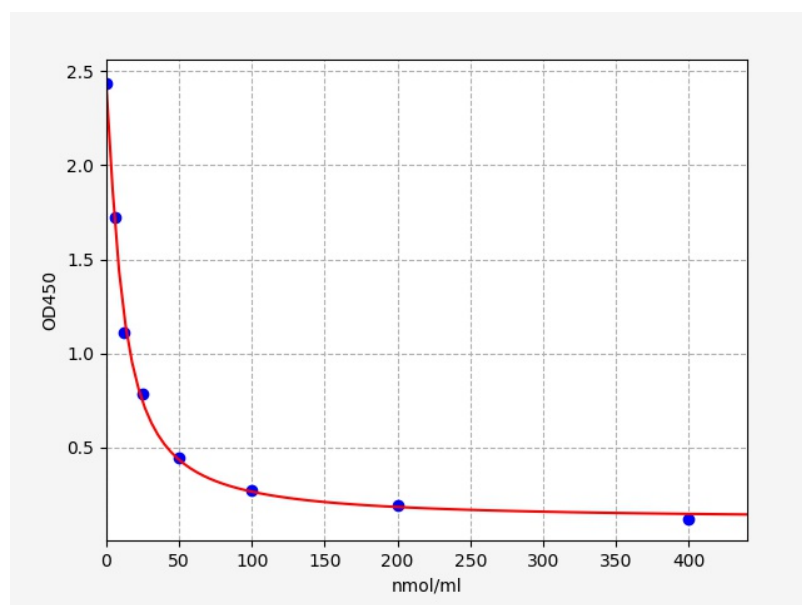
Intended Use

In vitro quantitative determination of 3MH concentrations in serum, plasma, cell culture supernatant and other biological samples.

Storage

2-8 °C for 6 months

Typical Standard Curve



Precision

Intra-Assay: CV<8%

Inter-Assay: CV<10%

Detection Range

6.25-400nmol/ml

Sensitivity

< 3.75nmol/ml

Linearity

Dilute the sample with a certain amount of 3MH at 1:2, 1:4 and 1:8 to get the recovery range.

Matrix	1:2	1:4	1:8
Serum(n=10)	88-104%	86-99%	80-97%
EDTA Plasma(n=10)	88-105%	83-97%	87-98%
Heparin Plasma(n=10)	83-92%	92-100%	88-100%

Recovery

Add a certain amount of 3MH into the sample. Calculate the recovery by comparing the measured value with the expected amount of 3MH in the sample.

Matrix	Recovery Range (%)	Average (%)
Serum(n=10)	89-99	97
EDTA Plasma(n=10)	91-101	97
Heparin Plasma(n=10)	86-104	93