

Human Clusterin Sandwich ELISA Kit

Clusterin measurement in Human serum samples

▪ **Sensitivity :**

Limit of detection (LOD)

0,11 +/- 0,03 ng/ml.

Lowest concentration significantly different from a blank.

▪ **Assay Range :**

The assay range [LLOQ – ULOQ] :

1 .25 ng/ml to 25 ng/ml.

ULOQ & LLOQ = Highest and Lowest limit of quantification respectively.



▪ **Precision Intra & Inter-assay :**

	Intra-Assay Precision		Inter-Assay Precision	
Sample (ng/ml)	2	20	2	20
CV (%)	6.4	7.4	14.4	18.3

Intra-assay Precision :

Two samples of known concentration (2 and 20 ng/ml) were tested 30 time within the same plate and by the same operator.

Inter-assay Precision :

Two samples of known concentration (2 and 20 ng/ml) were tested in 10 separate runs. Assays were performed by at least three different operators.

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▪ Dilution Linearity :

Serum samples containing high concentrations of Clusterin were serially diluted with assay diluent.

Samples exhibits a linear dilution between 1000–3000.

Samples should be diluted to at least 1/1000 (**MRD = 1000**)

▪ Spike Recovery :

Recombinant Clusterin was spiked in serum (n=10) at two concentrations (Low, High) over the range of the assay.

	Recovery %	
Sample (ng/ml)	2	20
Recovery	105 %	99 %

▪ Population and clinical data :

100 serum samples from apparently healthy donors (51 female + 49 male) 28–70 years old were evaluated for the presence of Clusterin in this assay.

Population mean (Mean +/- SEM): 9683 +/- 278 ng/mL

