

AAA15198

PRECISION

Intra-assay Precision (Precision within an assay): CV%<8%

Three samples of known concentration were tested twenty times on one plate to assess.

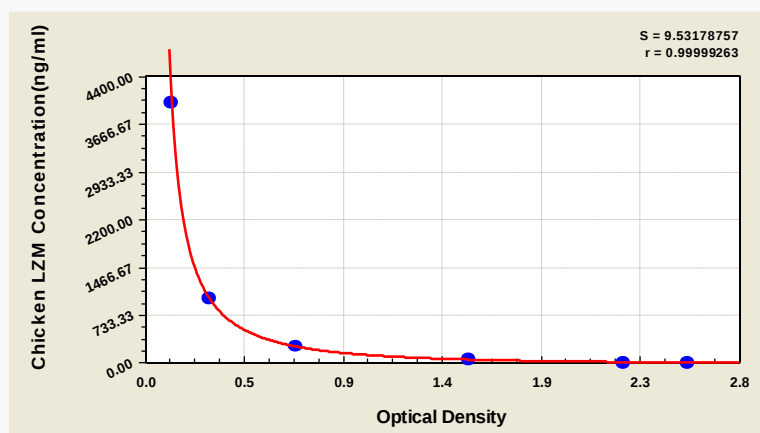
Inter-assay Precision (Precision between assays): CV%<10%

Three samples of known concentration were tested in twenty assays to assess.

	Intra-Assay Precision			Inter-Assay Precision		
Sample	1	2	3	1	2	3
n	20	20	20	20	20	20
Mean(ng/ml)	249.610	247.756	250.857	248.990	246.530	254.012
SD	0.026	0.029	0.031	0.039	0.041	0.046
CV(%)	3.621	4.022	4.330	5.424	5.671	6.471

TYPICAL DATA

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



ng/ml	OD1	OD2	Average
4000	0.137	0.132	0.135
1000	0.296	0.320	0.308
250	0.661	0.761	0.711
62.5	1.566	1.463	1.515
15.625	2.213	2.257	2.235
0	2.535	2.532	2.534

LOD

14.876ng/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of chicken LZM in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

	Sample	Serum(n=4)
1:20	Average %	84
	Range %	81-93
1:40	Average %	85
	Range %	82-99
1:80	Average %	90
	Range %	85-103
1:160	Average %	94
	Range %	87-105

	Sample	Egg white (n=4)
1:10000	Average %	86
	Range %	80-95
1:20000	Average %	89
	Range %	84-100

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1:40000	Average %	93
	Range %	86-107
1:80000	Average %	96
	Range %	90-110