Intra-assay Precision (Precision within an assay): CV%<8%
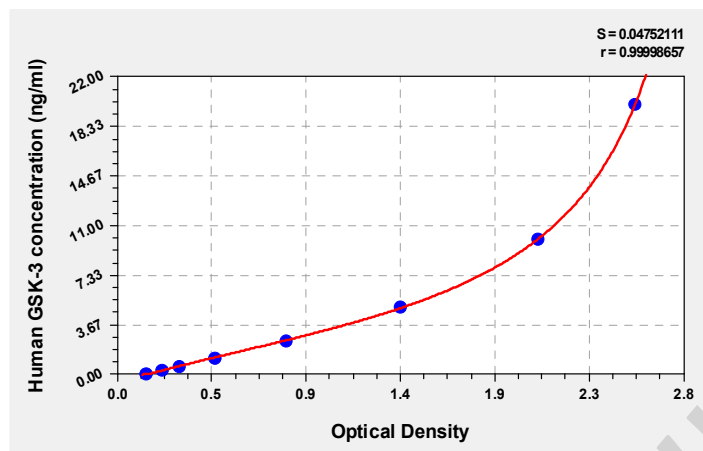
Three samples of known concentration were tested twenty times on one plate to assess.

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

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

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	Corrected
20	2.525	2.589	2.557	2.400
10	2.114	2.047	2.081	1.924
5	1.416	1.400	1.408	1.251
2.5	0.837	0.851	0.844	0.687
1.25	0.502	0.494	0.498	0.341
0.625	0.324	0.313	0.319	0.162
0.312	0.244	0.232	0.238	0.081
0	0.159	0.155	0.157	

LOD

0.078ng/ml.

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of human GSK-3 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)
1:1	Average %	85
	Range %	82-86
1:2	Average %	97
	Range %	90-101
1:4	Average %	95
	Range %	88-100
1:8	Average %	100
	Range %	95-104

RECOVERY

The recovery of human GSK-3 spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	100	93-105
EDTA plasma (n=4)	104	98-107