

PRECISION

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

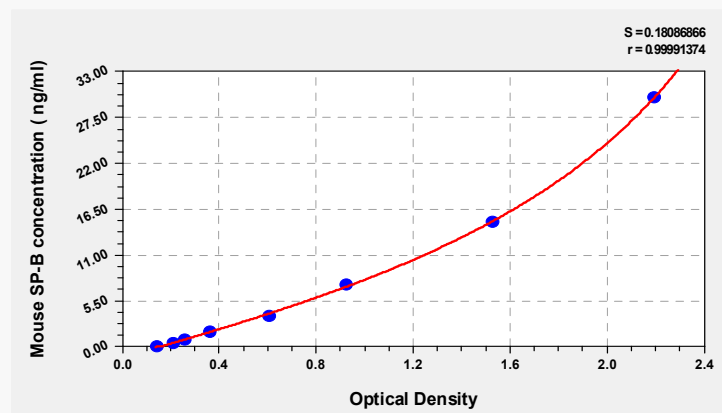
Three samples of known concentration were tested twenty times on one plate to assess.

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

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

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 |
|-------|-------|-------|---------|-----------|
| 30 | 2.176 | 2.206 | 2.191 | 2.031 |
| 15 | 1.511 | 1.544 | 1.528 | 1.368 |
| 7.5 | 0.897 | 0.970 | 0.934 | 0.774 |
| 3.75 | 0.612 | 0.618 | 0.615 | 0.455 |
| 1.8 | 0.362 | 0.392 | 0.377 | 0.217 |
| 0.9 | 0.279 | 0.267 | 0.273 | 0.113 |
| 0.45 | 0.225 | 0.220 | 0.223 | 0.063 |
| 0 | 0.156 | 0.163 | 0.160 | |

LOD

0.11 ng/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of mouse SP-B 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 % | 92 |
| | Range % | 86-97 |
| 1:2 | Average % | 97 |
| | Range % | 92-102 |
| 1:4 | Average % | 88 |
| | Range % | 85-93 |
| 1:8 | Average % | 89 |
| | Range % | 83-94 |

RECOVERY

The recovery of mouse SP-B 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) | 91 | 87-96 |
| EDTA plasma (n=4) | 102 | 96-109 |