

PRECISION

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

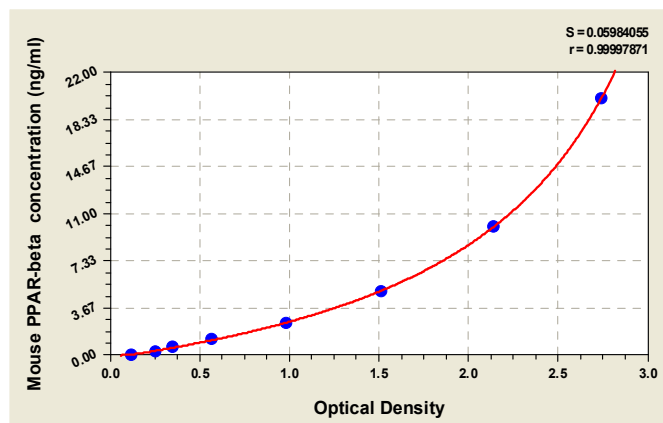
Three samples of known concentration were tested twenty times on one plate to assess.

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 |
|-------|-------|-------|---------|-----------|
| 20 | 2.694 | 2.733 | 2.714 | 2.582 |
| 10 | 2.085 | 2.156 | 2.121 | 1.989 |
| 5 | 1.486 | 1.526 | 1.506 | 1.374 |
| 2.5 | 0.973 | 0.984 | 0.979 | 0.847 |
| 1.25 | 0.563 | 0.578 | 0.571 | 0.439 |
| 0.625 | 0.354 | 0.366 | 0.360 | 0.228 |
| 0.312 | 0.257 | 0.262 | 0.260 | 0.128 |
| 0 | 0.131 | 0.132 | 0.132 | |

LOD

0.078 ng/ml

LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of mouse PPAR-beta 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 % | 89 |
| | Range % | 85-94 |
| 1:2 | Average % | 102 |
| | Range % | 96-107 |
| 1:4 | Average % | 93 |
| | Range % | 88-97 |
| 1:8 | Average % | 94 |
| | Range % | 89-98 |

RECOVERY

The recovery of mouse PPAR-beta 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) | 97 | 93-102 |
| EDTA plasma (n=4) | 103 | 92-107 |