

### WUHAN HUAMEI BIOTECH CO., LTD.

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# PRECISION

### Intra-assay Precision (Precision within an assay): CV%<15%

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

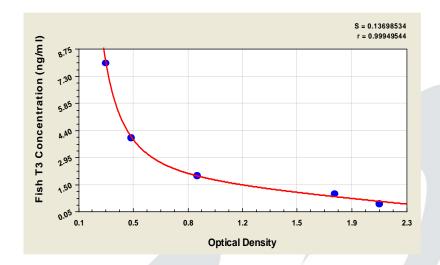
# Inter-assay Precision (Precision between assays): CV%<15%

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) | 1.987                 | 1.984 | 2.001 | 1.999                 | 1.980 | 2.003 |
| SD          | 0.017                 | 0.018 | 0.023 | 0.034                 | 0.031 | 0.029 |
| CV(%)       | 2.013                 | 2.114 | 2.641 | 3.924                 | 3.526 | 3.376 |

# 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 |
|-------|-------|-------|---------|
| 0.5   | 2.079 | 2.082 | 2.081   |
| 1.0   | 1.775 | 1.801 | 1.788   |
| 2.0   | 0.891 | 0.859 | 0.875   |
| 4.0   | 0.425 | 0.449 | 0.437   |
| 8.0   | 0.268 | 0.274 | 0.271   |

# LOD

0.25ng/ml