## 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.


| $\mu \mathrm{g} / \mathrm{ml}$ | OD1 | OD2 | Average | Corrected |
| :---: | :---: | :---: | :---: | :---: |
| 10 | 2.684 | 2.617 | 2.651 | 2.463 |
| 5 | 2.204 | 2.186 | 2.195 | 2.007 |
| 2.5 | 1.563 | 1.608 | 1.586 | 1.398 |
| 1.25 | 0.881 | 0.899 | 0.890 | 0.702 |
| 0.625 | 0.480 | 0.491 | 0.486 | 0.298 |
| 0.312 | 0.345 | 0.337 | 0.341 | 0.153 |
| 0.156 | 0.247 | 0.250 | 0.249 | 0.061 |
| 0 | 0.185 | 0.190 | 0.188 |  |

## LOD

$0.039 \mu \mathrm{~g} / \mathrm{ml}$

## LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of rat PF-4 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 $\%$ | 90 |
|  | Range $\%$ | $86-97$ |
| $1: 2$ | Average $\%$ | 95 |
|  | Range $\%$ | $88-99$ |
|  | $1: 4$ | Average $\%$ |
| $1: 8$ |  | 95 |
|  | Average $\%$ | $91-102$ |
|  | Range $\%$ | 95 |

## RECOVERY

The recovery of rat PF-4 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) | 95 | $83-99$ |
| EDTA plasma $(\mathrm{n}=4)$ | 97 | $89-102$ |

