## 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.


| $\mathrm{ng} / \mathrm{ml}$ | OD1 | OD2 | Average | Corrected |
| :---: | :---: | :---: | :---: | :---: |
| 10 | 2.199 | 2.262 | 2.231 | 2.059 |
| 5 | 1.784 | 1.876 | 1.830 | 1.658 |
| 2.5 | 1.321 | 1.354 | 1.338 | 1.166 |
| 1.25 | 0.928 | 0.931 | 0.930 | 0.758 |
| 0.625 | 0.617 | 0.627 | 0.622 | 0.450 |
| 0.312 | 0.415 | 0.423 | 0.419 | 0.247 |
| 0.156 | 0.322 | 0.326 | 0.324 | 0.152 |
| 0 | 0.171 | 0.172 | 0.172 |  |

[^0]
## LINEARITY

To assess the linearity of the assay, samples were spiked with high concentrations of human TN-R 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 $\%$ | 102 |
|  | Range $\%$ | $96-106$ |
| $1: 2$ | Average $\%$ | 101 |
|  | Range $\%$ | $97-105$ |
| $1: 4$ | Average $\%$ | 93 |
|  | Range $\%$ | $88-97$ |
|  | Average $\%$ | 91 |

## RECOVERY

The recovery of human TN-R 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) | 102 | $98-108$ |
| EDTA plasma $(\mathrm{n}=4)$ | 94 | $89-98$ |


[^0]:    LOD
    $0.039 \mathrm{ng} / \mathrm{ml}$

