

PAI-1 Validations

- Validation includes a comparison of multiplex assays to our in-house PAI-1 antigen ELISA
- Assays are not always “harmonized” with respect to standardization. Slope(m) values reflect degree of harmonization

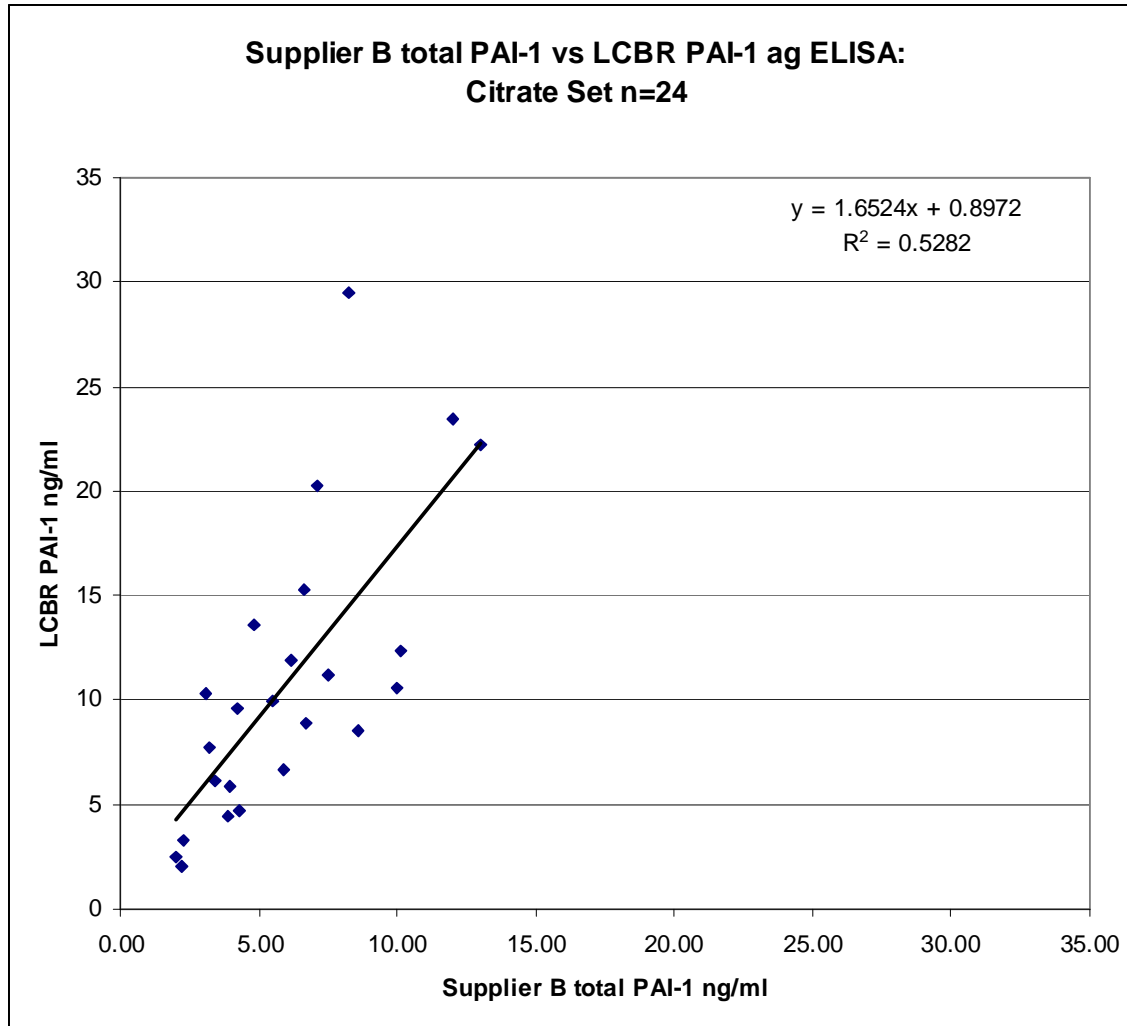
Suppliers

- A: Bio-Rad
- B: Linco Research (done)
- C: Upstate
- D: Biosource
- E: RnD Systems

Supplier B

Adipokine Panel A

Total PAI-1

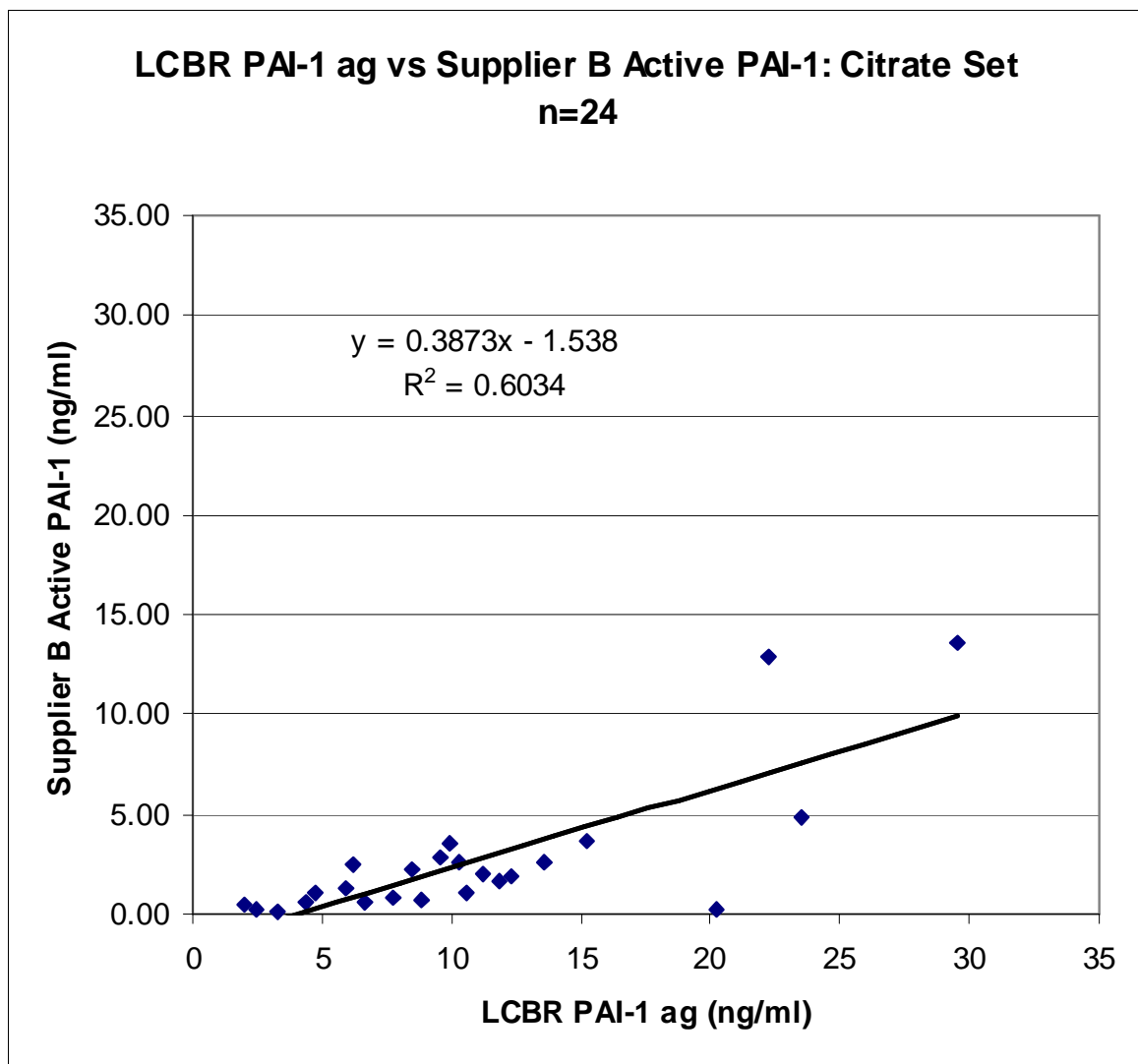


Mean replicate CV=9.6%

$R^2 = 0.53$

Slope(m)=1.65

Supplier B

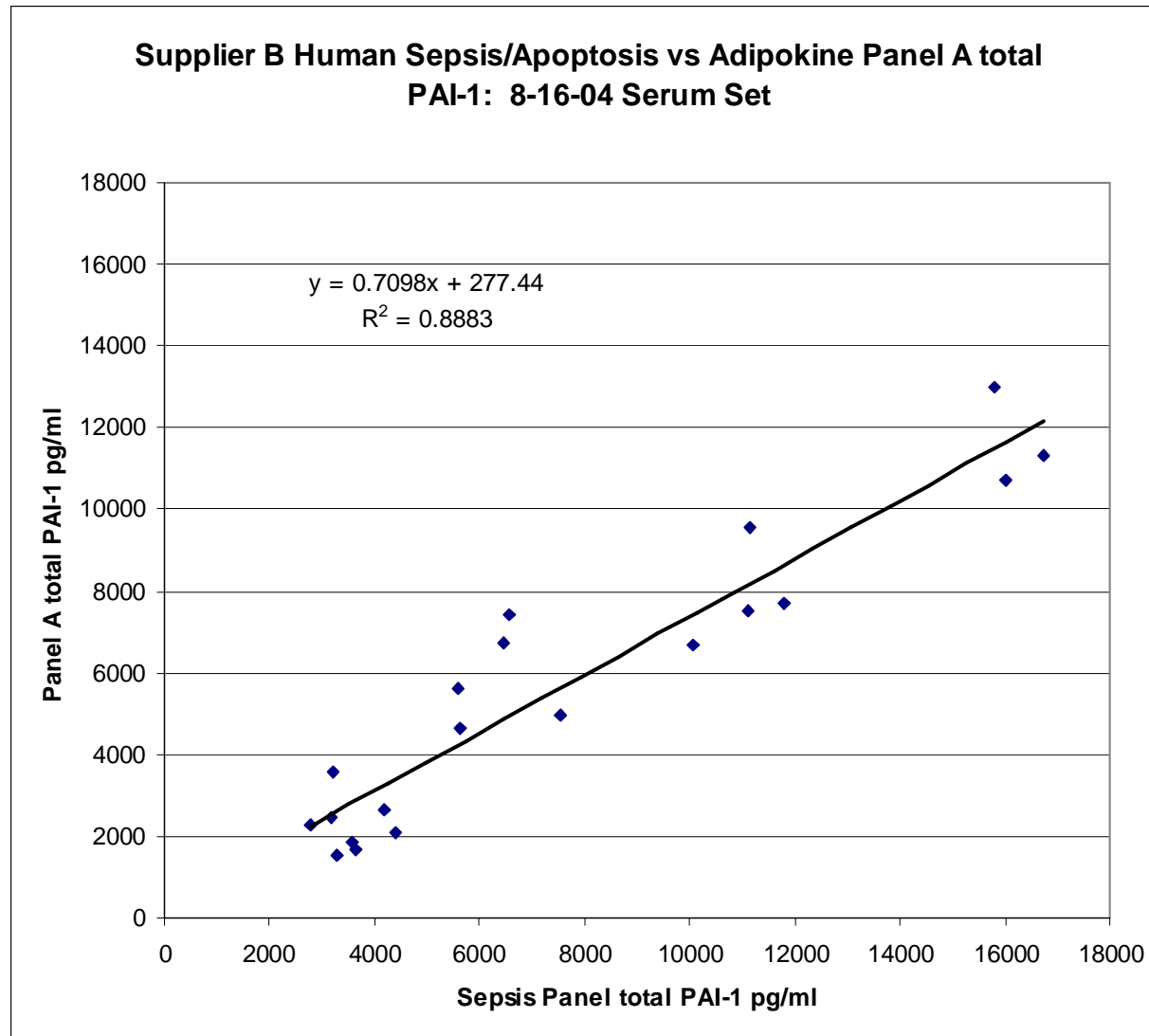


Adipokine Panel A

Active PAI-1

Mean replicate CV
= 25.5%
 $R^2 = 0.60$
Slope(m) = 0.39

Supplier B



Human Sepsis/Apoptosis Panel vs Adipokine Panel A

Total PAI-1

Total PAI-1 levels assayed using a kit to measure Adiponectin, Resistin and total PAI-1, agreed well with levels obtained using a kit to measure MIF and total PAI-1.

$$R^2 = 0.89$$

$$\text{Slope}(m) = 0.71$$