

IL-4 Validations

- Validation includes:
- % detectability data for Supplier B's Human Cytokine multiplex panel
- Reproducibility data for human Cytokine multiplex panel

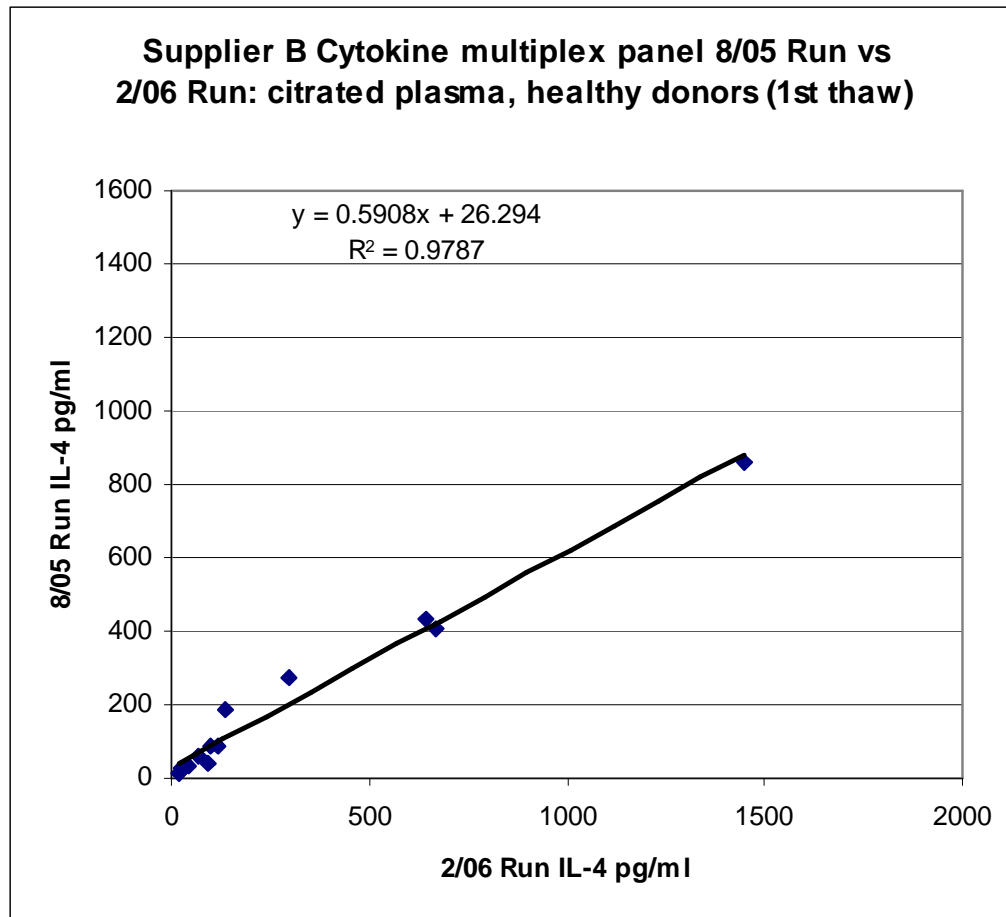
Suppliers

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

Supplier B

Human Cytokine multiplex panel

Reproducibility



IL-4 levels for citrated plasma samples from healthy donors assayed with Supplier B's Cytokine multiplex panel, assayed 8/05 as a 21-plex, agreed well with levels for the same sample set, assayed 2/06 as a 7-plex.

$R^2 = 0.979$

IL-4 - % Detectability

- Using supplier B's Cytokine multiplex panel as a 21-plex, % detectability of IL-4 in serum and plasma from healthy donors:
- Citrated plasma (n=16): 100%
- Serum (n=20): 70%
- (Note that for each sample type a different set of donors were used.)