

# IP-10 Validations

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

# Suppliers

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

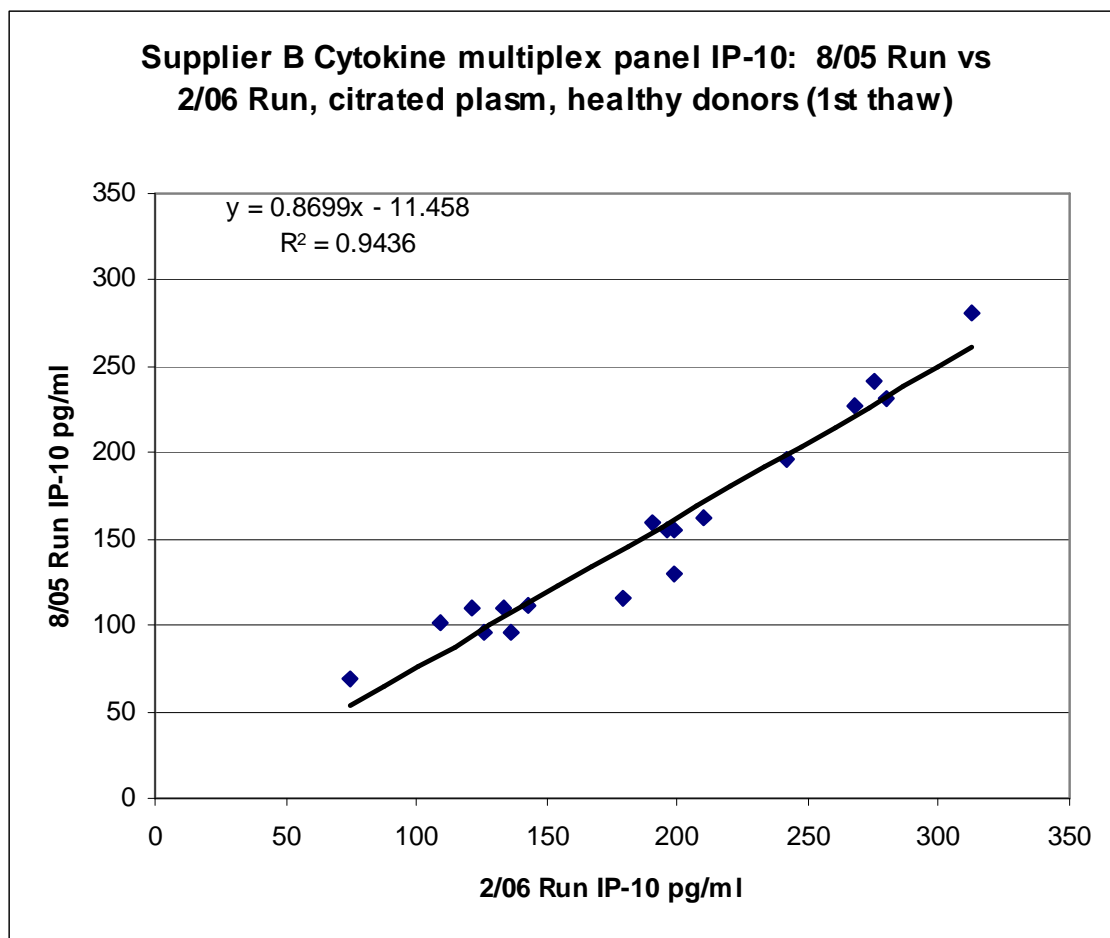
# IP-10 - % Detectability

- Using supplier B's Cytokine multiplex panel as a 21-plex, % detectability of IP-10 in serum and plasma from healthy donors:
- Citrated plasma (n=16): 100%
- Serum (n=20): 100%
- (Note that for each sample type a different set of donors were used.)

# Supplier B

Human Cytokine multiplex panel

## Reproducibility



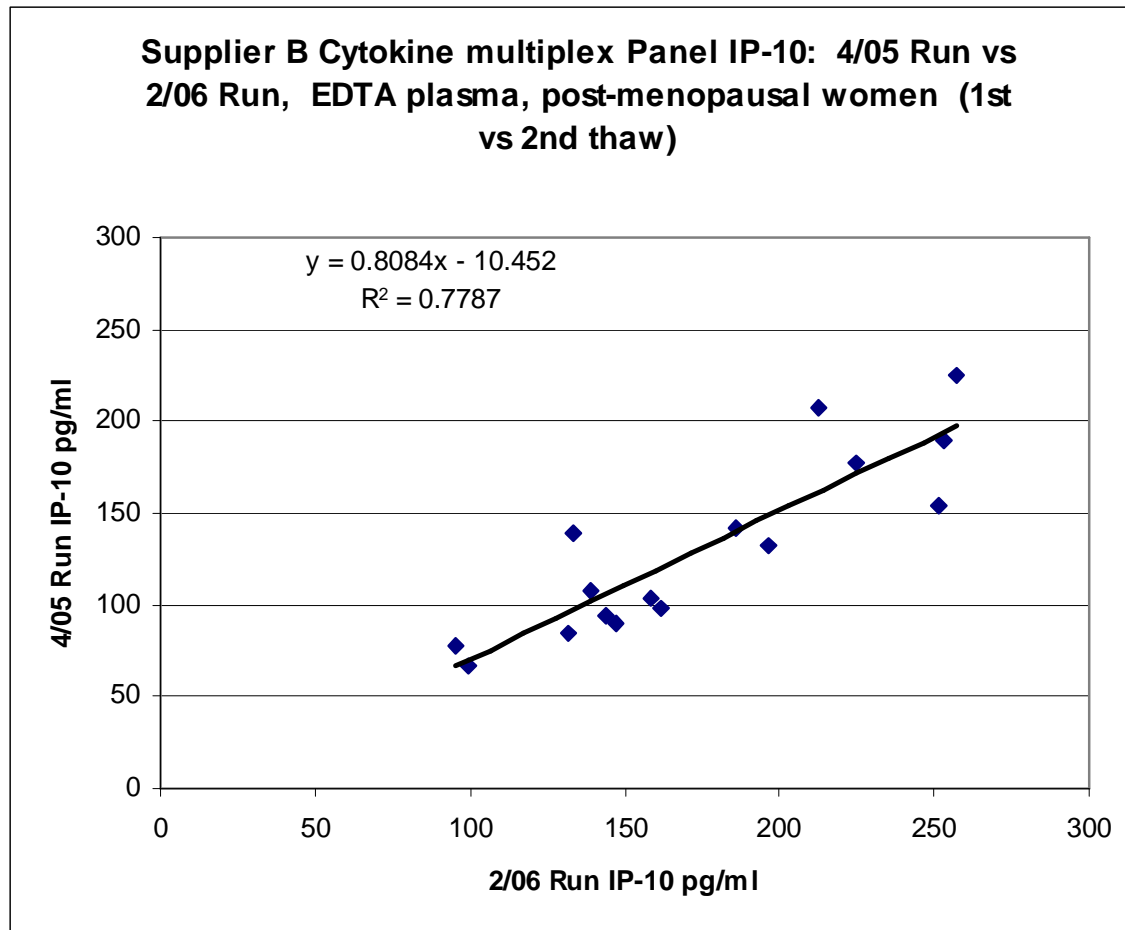
**IP-10 levels for citrated plasma samples from healthy donors assayed with Supplier B's Cytokine multiplex panel, assayed 8/05 as a 21-plex, agreed well with levels for the same sample set, assayed 2/06 as a 6-plex.**

**$R^2 = 0.944$**

# Supplier B

Human Cytokine multiplex panel

## Reproducibility



**IP-10 levels for EDTA plasma samples from a case/control study of post-menopausal women with and without cancer, using Supplier B's Cytokine multiplex panel, assayed 4/05 as a 21-plex, agreed moderately well with levels for the same sample set, assayed 2/06 as a 6-plex with a single outlier removed.**

**$R^2 = 0.779$**