pbl assay science
131 Ethel Road West, Suite 6 | Piscataway, NJ 08854 USA | T:+1.732.777.9123 | F:+1.732.777.9141 | E: info@pblassaysci.com | W: pblassaysci.com

Suggested Tips for Running 41580 with Cell Lysates

Sample Preparation:

For measuring hIFNγR1 in cell culture:
All cell culture samples should be quick frozen and stored below -20ºC until being tested.

Measuring hIFNγR1 of adherent cells:

- Remove cell culture supernatant and wash cells twice with cold PBS.
- Add Sample Diluent to adhered cells at 10 ml per T75 flask or at desired volume. Use a cell scraper to dislodge the cells.
- For accurate quantitation of total cellular hIFNγR1, check under a microscope to confirm that all cells are dislodged from the flask.
- Incubate the cell suspension on ice for 20 minutes. If necessary, break up cellular clusters by gently pipetting up and down.
- Centrifuge the solution at 500 X g for 15 minutes and collect the supernatant (cell lysate solution).
- Add 100 µl of the lysate to designated wells on the ELISA plate. Cell lysate may be diluted with Sample Diluent as desired to within the assay range of the ELISA.

Measuring hIFNγR1 of suspension cells:

- Centrifuge cell suspension at 500 X g for 5 minutes. Wash the cells twice with cold PBS.
- Suspend cells in Sample Diluent at 10 ml per 30,000,000 cells or at desired volume, and incubate on ice for 20 minutes.
- Centrifuge the solution at 500 X g for 15 minutes and collect the supernatant (cell lysate solution).
- Add 100 µl of the lysate to designated wells on the ELISA plate. Cell lysate may be diluted with Sample Diluent as desired to within the assay range of the ELISA.