

# Immunology/Cell Isolation Core Cytokine Request Form

Record No.

**PI Name** \_\_\_\_\_ **Date:** \_\_\_\_\_

PTAO \_\_\_\_\_

Your Name \_\_\_\_\_ Tel.No. \_\_\_\_\_

**Your email:** \_\_\_\_\_

## **Service Requested (One service per request)**

Cell culture supernatants (dilute as needed)

Cell type, species, strain \_\_\_\_\_

Media used \_\_\_\_\_

Dilution factor \_\_\_\_\_ # of samples \_\_\_\_\_ # of replicates \_\_\_\_\_

Total Wells



Serum samples (do not dilute)

Species, strain \_\_\_\_\_

Desired dilution factor \_\_\_\_\_

# of samples \_\_\_\_\_ # of replicates \_\_\_\_\_

Total Wells



Tissue samples (dilute as needed)

Species, strain, type \_\_\_\_\_

Protease inhibitor used \_\_\_\_\_

Dilution factor \_\_\_\_\_ # of samples \_\_\_\_\_ # of replicates \_\_\_\_\_

Total Wells



## **Consultation with Peter Ernst**

### **MOUSE PANEL**

T-cell Add cytokines: \_\_\_\_\_

T-reg Add cytokines: \_\_\_\_\_

Innate I Add cytokines: \_\_\_\_\_

Innate II Add cytokines: \_\_\_\_\_

TGF-Beta 1,2,3

### **HUMAN PANEL**

T-cell Add cytokines: \_\_\_\_\_

Innate I Add cytokines: \_\_\_\_\_

Innate II Add cytokines: \_\_\_\_\_

TGF-Beta 1,2,3

### **CUSTOM PANEL**

mouse List cytokines: \_\_\_\_\_

human \_\_\_\_\_

rat \_\_\_\_\_

.....  
For Core use only

Filename: \_\_\_\_\_

Charge for mouse/human serum diluent \_\_\_\_\_

Charge for master standards \_\_\_\_\_

Charge for sample prep labor \_\_\_\_\_

Price code \_\_\_\_\_ Price/sample \_\_\_\_\_

# Immunology/Cell Isolation Core Cytokine Assay Pricing

<b>MOUSE PANEL</b>	<b>HUMAN PANEL</b>
<input type="checkbox"/> T-cell \$6.00/sample	<input type="checkbox"/> T-cell \$6.00/sample
<input type="checkbox"/> T-reg \$6.00/sample	<input type="checkbox"/> Innate I \$6.00/sample
<input type="checkbox"/> Innate I \$7.00/sample	<input type="checkbox"/> Innate II \$6.00/sample
<input type="checkbox"/> Innate II \$4.00/sample	<input type="checkbox"/> TGF- $\beta$ 1,2,3 \$3.00/sample
<input type="checkbox"/> TGF- $\beta$ 1,2,3 \$3.00/sample	

## CUSTOM PANEL

You can add analytes to almost any standard panel or create a custom panel for mouse, human or rat cytokines. No analytes can be added to the TGF assay. Please discuss this during your consultation for custom pricing.

- Cell culture supernatants**  
No extra charges
- Serum samples (do not dilute)**  
Mouse serum diluent \$149.00 per assay  
Human serum diluent \$109.00 per assay
- Tissue samples (dilute as needed)**  
Extra charge for sample preparation; \$24.00 per tech hour

## Sample Preparation

### Consult with Peter Ernst

Determine appropriate panel and additional analytes for your experiment.

### Cell culture supernatants

Collect supernatants in aliquots. Spin down any cells in supernatant. Freeze at -70C and store until day of assay. On your scheduled assay day, thaw samples and dilute in appropriate media. You will need 60 uL of sample per replicate. Deliver samples on ice to technician.

### Serum samples

Collect serum in aliquots and store at -70C until day of assay. You will need 60 uL of sample per replicate. Do not dilute, as this will be done for you if requested. On day of assay deliver samples on ice to technician.

### Tissue samples

Collect tissue and place in 2-5 mL cold PBS containing proteinase inhibitors. Briefly homogenize samples (<10 sec) and sonicate (<10 sec). Centrifuge samples at 4C at >10,000g for 10 min. Remove supernatant and filter through a .45 um syringe filter. Perform protein determination on all samples (Bradford, BCA) and dilute all samples to 400 ug/mL total protein. Store at -70C and deliver to technician on ice on day of assay.