



ImmuneCore Facility

Multiplex Service Request Form

HESS Ctr 5th Fl Rm 310/313

New York, NY 10029

Tel:212-824-9354

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Date of Submission: _____ Principal Investigator: _____
 Submitter Name: _____ Fund Acct #: (Required) _____
 Email address(print): _____ P.I. Signature: _____

*****One MUST consult Core Staff before preparation or submission of the samples*****

Please check only one box in each category below.

Specimen Type:

Human
 Mouse
 Others:

Sample Type:

Plasma
 Serum
 Culture Supernatant
 Others:

Sample Preparation 96 well plate Template

	1	2	3	4	5	6	7	8	9	10	11	12
A	Standard	Standard										
B	Standard	Standard										
C	Standard	Standard										
D	Standard	Standard										
E	Standard	Standard										
F	Standard	Standard										
G	Standard	QC										
H	Standard	QC										

Note: QC and Standard is provided in the Kit

Submission Instruction: **only after consultation with HIMC**

- 1. Planning the assay:** Multiplex assays accommodate up to 40 samples /plate (duplicates in assay). If you have more samples, do randomize your samples so that some of control and patients/cases/experiments are in the same plate to avoid batch-effect. Do not segregate controls vs. patents/cases/experimental samples.
- 2. Sample Preparation-1:** If you do not have facility to prepare the samples, please bring the samples kept frozen on dry ice. Must avoid repeat freeze/thaw. Fee for sample preparation (20% of total cost) will be applied.
- 3. Sample Preparation-2*:** On scheduled day of assay, thaw samples on ice; centrifuge 13,200 rpm for 10 min at 4°C to clear the samples of precipitate (critical step!). For one panel, aliquot **30 µl**** of sample in each duplicate well in a 96 well V- or U-bottom plate and bring samples immediately to us. **Replicate samples should be loaded vertically.** **For the Lipid, steroids etc panel, samples must be submitted in Eppendorf tubes for Pre-Extraction step with sample prep fee at 30% of total cost.**

****Required sample amount varies depending on the assay kits**

Provide a brief description of your experiment design in the space below. Please list Analytes required for the assay if ordering Multiplex Kit through the Core.

Further information can be found at:

<http://www.millipore.com/bmia/flx4/biomarkers-immunoassays-homepage>