



**BioMarker Services**  
**MILLIPLEX® ORDER FORM**  
**Metabolic Disease Panels (Human, Mouse, Rat and Canine)**

Millipore is pleased to offer bioanalytical services for analytic testing in discovery research for the multiplex assays requested below. For **routine sample analysis**, complete the following information and return this form with your samples. Contact a Millipore sales representative to confirm sample volume requirements.

Ship samples on dry ice using an overnight priority delivery service Monday thru Thursday to:

Millipore  
 Attn: Sample Receiving  
 15 Research Park Drive  
 St. Charles, MO 63304

US Toll Free: 1-866-441-8400  
[www.millipore.com/biomarker\\_services](http://www.millipore.com/biomarker_services)  
[BioMarker\\_Services@millipore.com](mailto:BioMarker_Services@millipore.com)

<b>Date Shipped:</b>	<b>Send Results via:</b> <input type="checkbox"/> e-mail <input type="checkbox"/> FAX <input type="checkbox"/> mail
<b>Purchase Order No. (please attach hard copy to your order):</b>	
<b>Your Account Manager:</b>	<b>Your Sales Specialist:</b>
<b>Customer Number (if known):</b>	<b>Telephone No:</b>
<b>Samples Sent by:</b>	<b>Fax No:</b>
<b>Company:</b>	<b>e-mail Address:</b>
<b>Billing Address:</b>	<b>Send Results to:</b>

**NEW CLIENTS:** Please send credit references.

**NOTE:** Data obtained from these services are for **research purposes only** and cannot be used for regulatory, clinical or diagnostic purposes.

<b>Visa / Mastercard</b>	_____	_____
(circle one)	<b>Card Number</b>	<b>Expiration Date</b>
<b>Cardholder</b>	_____	
<b>FAX # to Send Credit Card Receipt</b>		

How did you hear about us?  Repeat Client  Website  Sales Specialist  Other \_\_\_\_\_

**Routine Sample Analysis**

**\*Note: All assays are subject to a minimum of 35 samples per shipment per analyte requested.**

# of Samples Submitted	Panel Requested (See next page for specific analytes)	Price/Sample	Total
<b>TOTAL ORDER \$</b>			

Samples will be stored at -20° C. If samples require sample storage at -70° C, please check here:

Samples are run using standards protocols. Other services / special requests:

- Custom Dilution - please specify: \_\_\_\_\_
- Rerun of high samples (>ULOQ)
- Other - please specify: \_\_\_\_\_

*Additional charges may apply for additional services. Please call for charges.*

**Samples will be destroyed 3 months after the date of receipt. If you would like your samples returned upon completion of analysis and verification of analysis please provide the following information:**

<b>Your FedEx account number:</b>	
<b>Address for return shipping of samples:</b>	
<b>Phone Number:</b>	
<b>Ship to Attention:</b>	
<b>E-mail address for sample shipping notification:</b>	

**For Laboratory Use Only:**

<b># of samples received:</b>	:	<b>Shipping Conditions</b>
Date Received:		<input type="checkbox"/> acceptable
By:		<input type="checkbox"/> unacceptable
Box #		Action taken:
<b>Results sent by:</b>	<input type="checkbox"/> e-mail	
Date:	<input type="checkbox"/> FAX	
	<input type="checkbox"/> mail	

**MILLIPLEX MAP Non-Magnetic Bead Assays** - Please check the analytes to be tested:**Human Panels****Sample Type:**  Serum  Plasma  Cell Culture Media or Other\**\*Please provide 10 mls of blank media or buffer with shipment*

<b>Human Metabolic Disease</b> HMH- -L1X	<b>Human Adipokine Panel A</b> (for serum or plasma) HADK1- -L1X	<b>Human Adipokine Panel B</b> (for serum or plasma) HADK2- -L1X	<b>Human Adipocyte</b> (for cell culture samples) HADCYT- -L1X
<input type="checkbox"/> Amylin (active)**	<input type="checkbox"/> Adiponectin	<input type="checkbox"/> IL-1 $\beta$	<input type="checkbox"/> IL-1 $\beta$
<input type="checkbox"/> Amylin (total)**	<input type="checkbox"/> PAI-1 (active)*	<input type="checkbox"/> IL-6	<input type="checkbox"/> IL-6
<input type="checkbox"/> C-Peptide	<input type="checkbox"/> PAI-1 (total)*	<input type="checkbox"/> IL-8	<input type="checkbox"/> IL-8
<input type="checkbox"/> Ghrelin (active)	<input type="checkbox"/> Resistin	<input type="checkbox"/> HGF	<input type="checkbox"/> Adiponectin
<input type="checkbox"/> GIP (total)		<input type="checkbox"/> Insulin	<input type="checkbox"/> HGF
<input type="checkbox"/> GLP-1 (active)		<input type="checkbox"/> Leptin	<input type="checkbox"/> Leptin
<input type="checkbox"/> Glucagon		<input type="checkbox"/> MCP-1	<input type="checkbox"/> MCP-1
<input type="checkbox"/> IL-6		<input type="checkbox"/> NGF	<input type="checkbox"/> PAI-1 (active)*
<input type="checkbox"/> Insulin		<input type="checkbox"/> TNF $\alpha$	<input type="checkbox"/> PAI-1 (total)*
<input type="checkbox"/> Leptin			<input type="checkbox"/> Resistin
<input type="checkbox"/> MCP-1			<input type="checkbox"/> NGF
<input type="checkbox"/> Pancreatic Polypeptide			<input type="checkbox"/> TNF $\alpha$
<input type="checkbox"/> PYY (total)			

\*PAI-1 (active) and PAI-1 (total) cannot be run simultaneously. Call for details and pricing.

\*\* Amylin (active) and Amylin (total) can not be run simultaneously. Call for details and pricing.

**Human Panels****Sample Type:**  Serum  Plasma  Cell Culture Media or Other\**\*Please provide 10 mls of blank media or buffer with shipment*

<b>Human Brain-Derived Protein</b> HBDP- -L1X	<b>Human IGF Binding Protein</b> HIGFBP- -L1X	<b>Human Liver Protein</b> HLPP- -L1X
<input type="checkbox"/> ACTH	<input type="checkbox"/> IGFBP1	AFP
<input type="checkbox"/> AGRP	<input type="checkbox"/> IGFBP2	ANGPTL3
<input type="checkbox"/> BDNF	<input type="checkbox"/> IGFBP3	ANGPTL4
<input type="checkbox"/> CNTF	<input type="checkbox"/> IGFBP4	ANGPTL6
<input type="checkbox"/> FSH	<input type="checkbox"/> IGFBP5	FABP1
<input type="checkbox"/> GH	<input type="checkbox"/> IGFBP6	FGF-19
<input type="checkbox"/> LH	<input type="checkbox"/> IGFBP7	FGF-21
<input type="checkbox"/> Prolactin		FGF-23
<input type="checkbox"/> TSH		HFG

**Mouse Panels****Sample Type:**  Serum  Plasma  Cell Culture Media or Other\**\*Please provide 10 mls of blank media or buffer with shipment*

<b>Mouse Adipokine</b> (for serum/plasma) MADPK- -L1X	<b>Mouse Adipocyte</b> (for cell culture samples) MADPCYT- -L1X	<b>Mouse IGF Binding Protein</b> MIFGBP- -L1X
<input type="checkbox"/> IL-6	<input type="checkbox"/> IL-6	<input type="checkbox"/> IGFBP1
<input type="checkbox"/> Insulin	<input type="checkbox"/> Adiponectin	<input type="checkbox"/> IGFBP2
<input type="checkbox"/> Leptin	<input type="checkbox"/> Leptin	<input type="checkbox"/> IGFBP3
<input type="checkbox"/> MCP-1	<input type="checkbox"/> MCP-1	<input type="checkbox"/> IGFBP5
<input type="checkbox"/> PAI-1 (total)	<input type="checkbox"/> PAI-1 (total)	<input type="checkbox"/> IGFBP6
<input type="checkbox"/> Resistin	<input type="checkbox"/> Resistin	<input type="checkbox"/> IGFBP7
<input type="checkbox"/> TNF $\alpha$	<input type="checkbox"/> TNF $\alpha$	<input type="checkbox"/>

**Rat Panels****Sample Type:**  Serum  Plasma  Cell Culture Media or Other\**\*Please provide 10 mls of blank media or buffer with shipment*

<b>Rat Adipokine</b> (for serum/plasma) RADPK- -L1X	<b>Rat Adipocyte</b> (for cell culture samples) RADPCYT- -L1X
<input type="checkbox"/> IL-1 $\beta$	<input type="checkbox"/> IL-1 $\beta$
<input type="checkbox"/> IL-6	<input type="checkbox"/> IL-6
<input type="checkbox"/> Insulin	<input type="checkbox"/> Adiponectin
<input type="checkbox"/> Leptin	<input type="checkbox"/> Leptin
<input type="checkbox"/> MCP-1	<input type="checkbox"/> MCP-1
<input type="checkbox"/> PAI-1 (active)*	<input type="checkbox"/> PAI-1 (active)*
<input type="checkbox"/> PAI-1 (total)*	<input type="checkbox"/> PAI-1 (total)*
<input type="checkbox"/> TNF $\alpha$	<input type="checkbox"/> TNF $\alpha$

\*PAI-1 (active) and PAI-1 (total) cannot be run simultaneously. Call for details and pricing.

**Canine Adipokine Panel – CADPK- -L1X****Sample Type:**  Serum  Plasma  Cell Culture Media or Other\**\*Please provide 10 mls of blank media or buffer with shipment*

<input type="checkbox"/> Adiponectin	<input type="checkbox"/> Resistin
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**MILLIPLEX MAG Magnetic Bead Assays** - Please check the analytes to be tested:

## Human Panels

**Sample Type:**  Serum  Plasma  Cell Culture Media or Other\*  
*\*Please provide 10 mls of blank media or buffer with shipment*

<b>Human Metabolic Disease</b> HMHMAG- -L1X	<b>Human Liver Protein</b> HLPPMAG- -L1X
<input type="checkbox"/> Amylin (active)**	<input type="checkbox"/> AFP
<input type="checkbox"/> Amylin (total)**	<input type="checkbox"/> ANGPTL3
<input type="checkbox"/> C-Peptide	<input type="checkbox"/> ANGPTL4
<input type="checkbox"/> Ghrelin (active)	<input type="checkbox"/> ANGPTL6
<input type="checkbox"/> GIP (total)	<input type="checkbox"/> FABP1
<input type="checkbox"/> GLP-1 (active)	<input type="checkbox"/> FGF-19
<input type="checkbox"/> Glucagon	<input type="checkbox"/> FGF-21
<input type="checkbox"/> IL-6	<input type="checkbox"/> FGF-23
<input type="checkbox"/> Insulin	<input type="checkbox"/> HGF
<input type="checkbox"/> Leptin	<input type="checkbox"/>
<input type="checkbox"/> MCP-1	<input type="checkbox"/>
<input type="checkbox"/> Pancreatic Polypeptide	<input type="checkbox"/>
<input type="checkbox"/> PYY (total)	<input type="checkbox"/>
<input type="checkbox"/> TNF $\alpha$	<input type="checkbox"/>

## Mouse and Rat Panels

**Sample Type:**  Serum  Plasma  Cell Culture Media or Other\*  
*\*Please provide 10 mls of blank media or buffer with shipment*

<b>Mouse Metabolic Disease</b> MMHMAG- - L1X	<b>Mouse IGF Binding Protein</b> MIGFBPMAG- - L1X	<b>Rat Metabolic Disease</b> RMHMAG- -L1X
<input type="checkbox"/> Amylin (active)	<input type="checkbox"/> IGFPB1	<input type="checkbox"/> Amylin (active)**
<input type="checkbox"/> C-Peptide	<input type="checkbox"/> IGFPB2	<input type="checkbox"/> C-Peptide 2
<input type="checkbox"/> Ghrelin (active)	<input type="checkbox"/> IGFPB3	<input type="checkbox"/> Ghrelin (active)
<input type="checkbox"/> GIP (total)	<input type="checkbox"/> IGFPB5	<input type="checkbox"/> GIP (total)
<input type="checkbox"/> GLP-1 (active)	<input type="checkbox"/> IGFPB6	<input type="checkbox"/> GLP-1 (active)
<input type="checkbox"/> Glucagon	<input type="checkbox"/> IGFPB7	<input type="checkbox"/> Glucagon
<input type="checkbox"/> IL-6		<input type="checkbox"/> IL-6
<input type="checkbox"/> Insulin		<input type="checkbox"/> Insulin
<input type="checkbox"/> Leptin		<input type="checkbox"/> Leptin
<input type="checkbox"/> MCP-1		<input type="checkbox"/> MCP-1
<input type="checkbox"/> Pancreatic Polypeptide		<input type="checkbox"/> Pancreatic Polypeptide
<input type="checkbox"/> PYY (total)		<input type="checkbox"/> PYY (total)
<input type="checkbox"/> Resistin		<input type="checkbox"/> TNF $\alpha$
<input type="checkbox"/> TNF $\alpha$		