



Turning Hope  
**Into Help**™

## ***Human Services Catalog***

**Rules-Based Medicine (RBM), a Q<sup>2</sup> Solutions Company**, is a CLIA-certified immunoassay testing laboratory that solves complex drug development challenges with innovative biomarker services and products.

With a service menu that spans nearly 300 quantitative protein biomarkers, RBM's HumanMAPs (Multi-Analyte Profiles) represent the most comprehensive collection of multiplexed immunoassays available for drug development and human disease research.

***From a small sample volume, we provide:***

- Reproducible, quantitative immunoassay data for hundreds of proteins
- Accurate pharmacodynamic & safety assessment
- Dynamic coverage of multiple pathways, enabling biological analysis and discovery

From R&D projects to complex clinical trials that span multiple sites over several years, RBM is committed to the highest level of quality and your needs as a customer. We have established a rigorous set of criteria that serve as a guide through every stage of sample processing, from the development, validation, and manufacturing of our assays; to the testing, quality control, and reporting of data.

**With the power of RBM's multiplexed immunoassay services,  
you can get the reliable data you need for the biomarkers you want.**

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We have packaged our biomarker menu into standard Multi-Analyte Profiles (MAPs). Our large profiles are designed to discover new biomarker patterns, and smaller or custom profiles are available for a more targeted approach. Assays are grouped into approximately 50 validated multiplex panels; all standard MAPs are derived from the same established inventory of multiplexes and CustomMAPs can be constructed from any set of multiplexes.

### Product listing

MAP	Analyte count	Multiplex count	Volume required	
			Serum or plasma	Other fluid*
DiscoveryMAP®	248	55	500 µL	3 mL
ExplorerMAP™	131	25	220 µL	800 µL
HumanMAP®	85	14	120 µL	650 µL
Human CardiovascularMAP®	71	18	140 µL	700 µL
Human AngiogenesisMAP®	50	12	140 µL	500 µL
Human InflammationMAP®	54	6	60 µL	300 µL
ImmunoMAP®	41	12	140 µL	650 µL
Human MetabolicMAP®	10	3	90 µL	300 µL
Human KidneyMAP®	11	6	100 µL	350 µL
CytokineMAP® A	16	1	50 µL	125 µL
CytokineMAP® B	14	1	50 µL	125 µL

\* Cerebrospinal fluid, urine, tissue culture supernatants, bronchoalveolar lavage, synovial fluid, tissue extracts, tears, skin washings, etc.

Visit [RBM.Q2LabSolutions.com/products-services/humanmap-services/](https://RBM.Q2LabSolutions.com/products-services/humanmap-services/) for a complete list of included analytes in the above MAP configurations

## Alphabetical listing of available MAP assays

1. 6Ckine (CCL21)
2. A disintegrin and metalloproteinase with thrombospondin motifs 8 (ADAMTS8)
3. Adiponectin
4. Adrenomedullin (ADM)
5. Alpha-1-acid glycoprotein 1 (AGP-1)
6. Alpha-1-Antitrypsin (AAT)
7. Alpha-2-Macroglobulin (A2Macro)
8. Alpha-Fetoprotein (AFP)
9. Amphiregulin (AR)
10. Angiogenin
11. Angiopoietin-1 (ANG-1)<sup>1</sup>
12. Angiopoietin-2 (ANG-2)
13. Angiopoietin-related protein 4 (ANGPTL4)
14. Angiotensin-Converting Enzyme (ACE)
15. Antileukoproteinase (ALP)
16. Antithrombin-III (AT-III)
17. Apolipoprotein A-I (Apo A-I)
18. Apolipoprotein A-II (Apo A-II)
19. Apolipoprotein B (Apo B)
20. Apolipoprotein C-I (Apo C-I)
21. Apolipoprotein C-III (Apo C-III)
22. Apolipoprotein D (Apo D)
23. Apolipoprotein H (Apo H)
24. Apolipoprotein(a) (Lp(a))
25. AXL Receptor Tyrosine Kinase (AXL)
26. B cell-activating factor (BAFF)
27. Beta Amyloid 1-40 (AB-40)
28. Beta Amyloid 1-42 (AB-42)
29. Beta-2-Microglobulin (B2M)
30. Betacellulin (BTC)
31. Bone morphogenetic protein 9 (BMP-9)
32. Brain-Derived Neurotrophic Factor (BDNF)
33. Cadherin-1 (E-Cad)<sup>2</sup>
34. Calbindin
35. Cancer Antigen 125 (CA-125)
36. Cancer Antigen 15-3 (CA-15-3)
37. Cancer Antigen 19-9 (CA-19-9)
38. Carbonic anhydrase 9 (CA-9)
39. Carcinoembryonic Antigen (CEA)
40. Cartilage Oligomeric Matrix Protein (COMP)
41. Cathepsin D
42. C-C motif chemokine 15 (CCL15)
43. CD163
44. CD27 Antigen (CD27)
45. CD40 Antigen (CD40)
46. CD40 Ligand (CD40-L)
47. CD5 Antigen-like (CD5L)
48. Chemokine CC-4 (HCC-4; CCL16)
49. Ciliary Neurotrophic Factor (CNTF)
50. Clusterin (CLU)
51. Complement C3 (C3)
52. Complement Factor H (CFH)
53. Complement Factor H – Related Protein 1 (CFHR1)
54. C-Peptide
55. C-Reactive Protein (CRP)
56. Cystatin-B
57. Cystatin-C
58. Decorin
59. Dickkopf-related protein 1 (DKK-1)
60. Endoglin
61. Endostatin
62. EN-RAGE
63. Eotaxin-1 (CCL11)
64. Eotaxin-2 (CCL24)
65. Eotaxin-3 (CCL26)
66. Epidermal Growth Factor (EGF)
67. Epidermal Growth Factor Receptor (EGFR)
68. Eprexigulin (EPR)
69. Epithelial cell adhesion molecule (EpCam)
70. Epithelial-Derived Neutrophil-Activating Protein 78 (ENA-78)
71. Erythropoietin (EPO)
72. E-Selectin<sup>1</sup>
73. Factor VII
74. Fas Ligand (FasL)
75. FASLG Receptor (FAS)
76. Fatty Acid-Binding Protein, adipocyte (FABP, adipocyte)<sup>2</sup>
77. Fatty Acid-Binding Protein, heart (FABP, heart)
78. Fatty Acid-Binding Protein, liver (FABP, liver)
79. Ferritin (FRTN)
80. Fetuin-A
81. Fibrinogen
82. Fibroblast Growth Factor 21 (FGF-21)
83. Fibroblast growth factor 23 (FGF-23)
84. Ficolin-3
85. Folate receptor gamma (FOLR3)
86. Follicle-Stimulating Hormone (FSH)
87. Galectin-3<sup>1</sup>
88. Gastric inhibitory polypeptide (GIP)
89. Glucagon-like Peptide 1, total (GLP-1 total)
90. Glucose-6-phosphate Isomerase (G6PI)
91. Glycogen phosphorylase isoenzyme BB (GPBB)

<sup>1</sup> This assay did not meet performance specifications in EDTA-Plasma and results should be used for information purposes only.

<sup>2</sup> This assay did not meet performance specifications in Serum and results should be used for information purposes only.

## Alphabetical listing of available MAP assays (cont.)

92. Granulocyte Colony-Stimulating Factor (G-CSF)
93. Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF)
94. Growth Hormone (GH)
95. Growth/differentiation factor 15 (GDF-15)
96. Growth-Regulated alpha protein (GRO-alpha; CXCL1)
97. Haptoglobin
98. Heat-Shock protein 70 (HSP-70)
99. Hemopexin
100. Heparin-Binding EGF-Like Growth Factor (HB-EGF)
101. Hepatocyte Growth Factor (HGF)
102. Hepatocyte Growth Factor receptor (HGF receptor)
103. Hepsin
104. Human Chorionic Gonadotropin beta (hCG)
105. Human Epidermal Growth Factor Receptor 2 (HER-2)
106. Immunoglobulin A (IgA)
107. Immunoglobulin E (IgE)
108. Immunoglobulin M (IgM)
109. Insulin
110. Insulin-like Growth Factor-Binding Protein 1 (IGFBP-1)
111. Insulin-like Growth Factor-Binding Protein 2 (IGFBP-2)
112. Intercellular Adhesion Molecule 1 (ICAM-1)
113. Interferon alpha (IFN-alpha)
114. Interferon gamma (IFN-gamma)
115. Interferon gamma Induced Protein 10 (IP-10; CXCL10)
116. Interferon-inducible T-cell alpha chemoattractant (ITAC; CXCL11)
117. Interleukin-1 alpha (IL-1 alpha)
118. Interleukin-1 beta (IL-1 beta)
119. Interleukin-1 receptor antagonist (IL-1ra)
120. Interleukin-1 receptor type 1 (IL-1RI)<sup>2</sup>
121. Interleukin-1 receptor type 2 (IL-1RII)
122. Interleukin-10 (IL-10)
123. Interleukin-12 Subunit p40 (IL-12p40)
124. Interleukin-12 Subunit p70 (IL-12p70)
125. Interleukin-13 (IL-13)
126. Interleukin-15 (IL-15)
127. Interleukin-16 (IL-16)
128. Interleukin-17 (IL-17)
129. Interleukin-18 (IL-18)
130. Interleukin-18-binding protein (IL-18bp)
131. Interleukin-2 (IL-2)
132. Interleukin-2 receptor alpha (IL-2 receptor alpha)
133. Interleukin-22 (IL-22)
134. Interleukin-3 (IL-3)
135. Interleukin-4 (IL-4)
136. Interleukin-5 (IL-5)
137. Interleukin-6 (IL-6)
138. Interleukin-6 receptor (IL-6r)
139. Interleukin-6 receptor subunit beta (IL-6R beta)
140. Interleukin-7 (IL-7)
141. Interleukin-8 (IL-8; CXCL8)
142. Kallikrein 5
143. Kallikrein-7 (KLK-7)
144. Kidney Injury Molecule-1 (KIM-1)
145. Lactoferrin (LTF)
146. Latency-Associated Peptide of Transforming Growth Factor beta 1 (LAP TGF-b1)
147. Lectin-Like Oxidized LDL Receptor 1 (LOX-1)
148. Leptin
149. Leptin Receptor (Leptin-R)
150. Leucine-rich alpha-2-glycoprotein (LRG1)
151. Luteinizing Hormone (LH)
152. Macrophage Colony-Stimulating Factor 1 (M-CSF)
153. Macrophage inflammatory protein 3 beta (MIP-3 beta; CCL19)
154. Macrophage Inflammatory Protein-1 alpha (MIP-1 alpha; CCL3)
155. Macrophage Inflammatory Protein-1 beta (MIP-1 beta; CCL4)
156. Macrophage Inflammatory Protein-3 alpha (MIP-3 alpha; CCL20)
157. Macrophage Migration Inhibitory Factor (MIF)
158. Macrophage-Derived Chemokine (MDC; CCL22)
159. Maspin
160. Mast/stem cell growth factor receptor (SCFR)
161. Matrix Metalloproteinase-1 (MMP-1)
162. Matrix Metalloproteinase-2 (MMP-2)
163. Matrix Metalloproteinase-3 (MMP-3)
164. Matrix Metalloproteinase-7 (MMP-7)
165. Matrix Metalloproteinase-9 (MMP-9)
166. Matrix Metalloproteinase-9, total (MMP-9, total)
167. MHC class I chain-related protein A (MICA)
168. Monocyte Chemotactic Protein 1 (MCP-1; CCL2)
169. Monocyte Chemotactic Protein 2 (MCP-2; CCL8)
170. Monocyte Chemotactic Protein 3 (MCP-3; CCL7)
171. Monocyte Chemotactic Protein 4 (MCP-4; CCL13)
172. Monokine Induced by Gamma Interferon (MIG; CXCL9)
173. Myeloid Progenitor Inhibitory Factor 1 (MPLIF-1; CCL23)
174. Myeloperoxidase (MPO)
175. Myoglobin
176. Nerve Growth Factor beta (NGF-beta)
177. Neurofilament heavy polypeptide (NF-H)
178. Neuronal Cell Adhesion Molecule (Nr-CAM)

<sup>1</sup> This assay did not meet performance specifications in EDTA-Plasma and results should be used for information purposes only.

<sup>2</sup> This assay did not meet performance specifications in Serum and results should be used for information purposes only.

## Alphabetical listing of available MAP assays (cont.)

179. Neuron-Specific Enolase (NSE)
180. Neuropilin-1
181. Neutrophil Activating Peptide 2 (NAP-2; CXCL7)
182. Neutrophil Gelatinase-Associated Lipocalin (NGAL)
183. N-terminal prohormone of brain natriuretic peptide (NT proBNP)
184. Omentin<sup>2</sup>
185. Osteocalcin
186. Osteopontin
187. Osteoprotegerin (OPG)
188. Pancreatic Polypeptide (PPP)
189. Pancreatic secretory trypsin inhibitor (TATI)<sup>2</sup>
190. Paraoxonase-1 (PON-1)
191. Pepsinogen I (PGI)
192. Periostin
193. Pigment Epithelium Derived Factor (PEDF)
194. Placenta Growth Factor (PLGF)
195. Plasminogen Activator Inhibitor 1 (PAI-1)
196. Platelet endothelial cell adhesion molecule (PECAM-1)
197. Platelet-Derived Growth Factor BB (PDGF-BB)
198. Prolactin (PRL)
199. Prostatin
200. Prostate-Specific Antigen, Free (PSA-f)
201. Protein DJ-1 (DJ-1)
202. Protein S100-A6 (S100-A6)
203. P-Selectin<sup>1</sup>
204. Pulmonary and Activation-Regulated Chemokine (PARC; CCL18)<sup>2</sup>
205. Pulmonary surfactant-associated protein D (SP-D)<sup>2</sup>
206. Receptor for advanced glycosylation end products (RAGE)
207. Receptor tyrosine-protein kinase erbB-3 (ErbB3)<sup>1</sup>
208. Resistin
209. Retinol-binding protein 4 (RBP-4)
210. S100 calcium-binding protein B (S100-B)<sup>1</sup>
211. Sclerostin
212. Serotransferrin (Transferrin)
213. Serum Amyloid A Protein (SAA)
214. Serum Amyloid P-Component (SAP)
215. Sex Hormone-Binding Globulin (SHBG)
216. Sortilin
217. ST2
218. Stem Cell Factor (SCF)
219. Stromal cell-derived factor-1 (SDF-1; CXCL12)
220. Superoxide Dismutase 1, soluble (SOD-1)
221. T Lymphocyte-Secreted Protein I-309 (I-309; CCL1)
222. Tamm-Horsfall Urinary Glycoprotein (THP)
223. T-Cell-Specific Protein RANTES (RANTES; CCL5)
224. Tenascin-C (TN-C)
225. Thrombin-Activatable Fibrinolysis (TAFI)
226. Thrombomodulin™
227. Thrombospondin-1
228. Thymus and activation-regulated chemokine (TARC; CCL17)
229. Thymus-Expressed Chemokine (TECK; CCL25)
230. Thyroglobulin (TG)
231. Thyroid-Stimulating Hormone (TSH)
232. Thyroxine-Binding Globulin (TBG)
233. Tissue Inhibitor of Metalloproteinases 1 (TIMP-1)
234. Tissue Inhibitor of Metalloproteinases 2 (TIMP-2)
235. Tissue Inhibitor of Metalloproteinases 3 (TIMP-3)<sup>2</sup>
236. Tissue type Plasminogen activator (tPA)
237. Transferrin receptor protein 1 (TFR1)
238. Transforming Growth Factor beta-3 (TGF-beta-3)
239. Transthyretin (TTR)
240. Trefoil Factor 3 (TFF3)
241. Tumor Necrosis Factor alpha (TNF-alpha)
242. Tumor Necrosis Factor beta (TNF-beta)
243. Tumor necrosis factor ligand superfamily member 12 (Tweak)
244. Tumor necrosis factor ligand superfamily member 13 (APRIL)
245. Tumor necrosis factor receptor 2 (TNFR2)
246. Tumor Necrosis Factor Receptor I (TNF RI)
247. Tyrosine kinase with Ig and EGF homology domains 2 (TIE-2)
248. Urokinase-type Plasminogen Activator (uPA)
249. Urokinase-type plasminogen activator receptor (uPAR)
250. Vascular Cell Adhesion Molecule-1 (VCAM-1)
251. Vascular Endothelial Growth Factor (VEGF)
252. Vascular endothelial growth factor D (VEGF-D)
253. Vascular Endothelial Growth Factor Receptor 1 (VEGFR-1)
254. Vascular Endothelial Growth Factor Receptor 2 (VEGFR-2)
255. Vascular endothelial growth factor receptor 3 (VEGFR-3)
256. Visceral adipose tissue – derived serpin A12 (Vaspin)
257. Visfatin
258. Vitamin D-Binding Protein (VDBP)
259. Vitamin K-Dependent Protein S (VKDPS)
260. Vitronectin
261. von Willebrand Factor (vWF)
262. YKL-40

<sup>1</sup> This assay did not meet performance specifications in EDTA-Plasma and results should be used for information purposes only.

<sup>2</sup> This assay did not meet performance specifications in Serum and results should be used for information purposes only.

## Ultrasensitive immunoassays

The Single Molecule Array (Simoa™) technology by Quanterix, provides ultrasensitive measurement of protein biomarkers that exist in extremely low concentrations in serum and plasma.

RBM develops, manufactures and validates high quality Simoa assays to Clinical Laboratory Standards (CLSI). Simoa technology

allows us to achieve orders-of-magnitude greater sensitivity (femtogram/mL) compared to conventional platforms, enabling the accurate and reliable measurement of important regulatory proteins.

We are continuously expanding our Simoa-based service menu. Currently, the RBM Simoa menu includes the following assays:

BIOMARKER	LLOQ* (Serum and Plasma)	LLOQ* (Undiluted Samples)	Volume required	
			Serum or plasma	Other fluid**
<b>Amphiregulin (AR) — MTO</b>	0.24 pg/mL	0.06 pg/mL	100 µL	150 µL
<b>B Lymphocyte Chemoattractant (BLC, CXCL13)</b>	0.64 pg/mL	0.064 pg/mL	50 µL	150 µL
<b>Fibroblast Growth Factor 23 (FGF-23)</b>	0.65 pg/mL	0.1625 pg/mL	100 µL	150 µL
<b>Glial Fibrillary Acidic Protein (GFAP)</b>	0.70 pg/mL	0.175 pg/mL	100 µL	150 µL
<b>Granulocyte Colony-Stimulating Factor (G-CSF) — MTO</b>	0.59 pg/mL	0.059 pg/mL	50 µL	150 µL
<b>Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF)</b>	0.036 pg/mL	0.009 pg/mL	100 µL	150 µL
<b>Granzyme B (GranzymeB)</b>	0.30 pg/mL	0.075 pg/mL	100 µL	150 µL
<b>Growth/differential factor 11 (GDF-11)</b>	5.00 pg/mL	1.25 pg/mL	100 µL	150 µL
<b>I-309 (C-C motif chemokine ligand I) — MTO</b>	0.10 pg/mL	0.025 pg/mL	100 µL	150 µL
<b>Interferon alpha (IFN-alpha)</b>	0.11 pg/mL	0.055 pg/mL	150 µL	150 µL
<b>Interferon beta (IFN-beta)</b>	0.16 pg/mL	0.04 pg/mL	100 µL	150 µL
<b>Interferon gamma (IFN-gamma)</b>	0.019 pg/mL	0.0095 pg/mL	150 µL	150 µL
<b>Interferon lambda 1 (IFN-lambda 1)</b>	0.090 pg/mL	0.0225 pg/mL	100 µL	150 µL
<b>Interleukin-1 beta (IL-1 beta)</b>	0.031 pg/mL	0.016 pg/mL	150 µL	150 µL
<b>Interleukin-2 (IL-2)</b>	0.050 pg/mL	0.025 pg/mL	150 µL	150 µL
<b>Interleukin-4 (IL-4)</b>	0.012 pg/mL	0.006 pg/mL	150 µL	150 µL
<b>Interleukin-5 (IL-5)</b>	0.052 pg/mL	0.026 pg/mL	150 µL	150 µL
<b>Interleukin-6 (IL-6)</b>	0.091 pg/mL	0.0046 pg/mL	50 µL	150 µL
<b>Interleukin-8 (IL-8)</b>	0.86 pg/mL	0.0287 pg/mL	50 µL	150 µL
<b>Interleukin-9 (IL-9)</b>	0.35 pg/mL	0.0875 pg/mL	100 µL	150 µL
<b>Interleukin-10 (IL-10)</b>	0.037 pg/mL	0.0092 pg/mL	100 µL	150 µL
<b>Interleukin-12 Subunit p40 (IL-12p40)</b>	7.30 pg/mL	0.730 pg/mL	50 µL	150 µL
<b>Interleukin-12 Subunit p70 (IL-12p70)</b>	0.040 pg/mL	0.020 pg/mL	150 µL	150 µL
<b>Interleukin-13 (IL-13)</b>	0.099 pg/mL	0.0495 pg/mL	150 µL	150 µL
<b>Interleukin-17A (IL-17A)</b>	0.048 pg/mL	0.012 pg/mL	100 µL	150 µL
<b>Interleukin-17C (IL-17C)</b>	0.26 pg/mL	0.13 pg/mL	150 µL	150 µL
<b>Interleukin-17F (IL-17F)<sup>1</sup></b>	0.20 pg/mL	0.1 pg/mL	150 µL	150 µL
<b>Interleukin-19 (IL-19)</b>	1.2 pg/mL	0.3 pg/mL	100 µL	150 µL
<b>Interleukin-21 (IL-21)</b>	0.0053 pg/mL	0.00235 pg/mL	150 µL	150 µL
<b>Interleukin-22 (IL-22)</b>	0.047 pg/mL	0.01175 pg/mL	100 µL	150 µL
<b>Interleukin-23 (IL-23)</b>	0.039 pg/mL	0.0195 pg/mL	150 µL	150 µL
<b>Interleukin-31 (IL-31)</b>	0.024 pg/mL	0.006 pg/mL	100 µL	150 µL

**MTO** = Made To Order

\* Lower limit of quantitation (LLOQ) represents the lowest amount of an analyte that can be quantitatively determined with acceptable precision. LLOQ is determined by performing 2-fold serial dilutions of Standard to be tested in triplicate over three runs. The percent coefficient of variation (CV) is calculated for each of the dilution replicates, and the LLOQ is determined as the concentration at which the CV is 30%.

\*\* Cerebrospinal fluid, urine, tissue culture supernatants, bronchoalveolar lavage, synovial fluid, tissue extracts, tears, skin washings, etc.

<sup>1</sup> This assay did not meet performance specifications in EDTA-Plasma and results should be used for information purposes only.

All assay services are performed in our CLIA-certified laboratory. Intended for Research Use Only.

## Ultrasensitive immunoassays (cont.)

BIOMARKER	LLOQ* (Serum and Plasma)	LLOQ* (Undiluted Samples)	Volume required	
			Serum or plasma	Other fluid**
<b>Kidney Injury Molecule-1 (KIM-1) — MTO</b>	3.10 pg/mL	0.155 pg/mL	50 µL	150 µL
<b>Neurofilament Light Chain (NF-L)</b>	1.00 pg/mL	0.25 pg/mL	100 µL	150 µL
<b>Oncostatin-M (OSM) — MTO</b>	0.14 pg/mL	0.07 pg/mL	150 µL	150 µL
<b>Oncostatin-M-Specific Receptor Subunit beta (OSMR) — MTO</b>	0.16 ng/mL	0.0032 ng/mL	50 µL	150 µL
<b>Programmed Cell Death Protein 1 (PD-1)</b>	2.3 pg/mL	0.23 pg/mL	50 µL	150 µL
<b>Programmed Death-Ligand 1 (PD-L1)</b>	2.1 pg/mL	0.21 pg/mL	50 µL	150 µL
<b>Receptor Activator of Nuclear Factor Kappa B Ligand (RANKL)</b>	0.58 pg/mL	0.145 pg/mL	100 µL	150 µL
<b>Tumor Necrosis Factor-alpha (TNF-α)</b>	0.078 pg/mL	0.020 pg/mL	100 µL	150 µL
<b>Tumor Necrosis Factor Ligand Superfamily Member 14 Total (LIGHT Total) — MTO</b>	0.56 pg/mL	0.14 pg/mL	100 µL	150 µL

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### Additional services



#### Project Management Services

All testing services are accompanied by documented oversight of study project requirements, timelines and specifications by a dedicated Project Manager liaising between clients, sponsors, and central labs.



#### Assay Development

If you do not see your analyte of interest on our menu, we offer cost-effective assay development programs.



#### Data Mining

For all MAP services, data mining is available to help you identify the significant biomarkers from your data set. Please contact us to learn more about our custom capabilities.



TruCulture is a whole blood collection and culture tube for standardized immunophenotyping procedures including cytokine profiling with our MAP services. Please see RBM's TruCulture brochure or [RBM.Q2LabSolutions.com/TruCulture](https://RBM.Q2LabSolutions.com/TruCulture) for procedures, stimulants, and ordering information.

## Contact us

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**RULES**  **BASED MEDICINE**  
a Q<sup>2</sup>Solutions Company