



**AssayGate, Inc.**

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## ELISA Services for Rat Samples

ID	Rat Analyte
1	1, 25-Dihydroxyvitamin D3 (DHVD3)
2	17-Hydroxyprogesterone (17-OHP)
3	2, 3-Bisphosphoglycerate (2, 3-BPG)
4	2',5'-Oligoadenylate Synthetase 1 (OAS1)
5	25-Hydroxyvitamin D3 (HVD3)
6	5-Hydroxytryptamine (5-HT)
7	5-Hydroxytryptamine Receptor 2C (HTR2C)
8	8-Hydroxydeoxyguanosine (8-OHdG)
9	A Disintegrin And Metalloprotease 10 (ADAM10)
10	A Disintegrin And Metalloprotease 8 (ADAM8)
11	A Disintegrin And Metalloprotease 9 (ADAM9)
12	A Disintegrin And Metalloproteinase With Thrombospondin 7 (ADAMTS7)
13	Acetyl Coenzyme A Carboxylase Alpha (ACACa)
14	Acetylcholine (ACH)
15	Acetylcholinesterase (AChE)
16	Acid Phosphatase 1 (ACP1)
17	Acid Phosphatase 3, Prostatic (ACP3)
18	Acid Phosphatase 5, Tartrate Resistant (ACP5)
19	Actinin Alpha 2 (ACTN2)
20	Activated Leukocyte Cell Adhesion Molecule (ALCAM)
21	Activated Protein C (APC)
22	Activating Transcription Factor 5 (ATF5)
23	Activin A (ACVA)
24	Activin A Receptor Type I (ACVR1)
25	Adenylate Cyclase Activating Polypeptide 1, Pituitary (ADCYAP1)
26	Adiponectin (ADP)
27	Adiponectin Receptor 1 (ADIPOR1)
28	Adrenergic Receptor, Alpha 1A (ADRA1A)
29	Adrenocorticotrophic Hormone (ACTH)
30	Adrenomedullin (ADM)
31	Agouti Related Protein (AGRP)
32	Alanine Aminotransferase (ALT)
33	Albumin (ALB)

34	Alcohol Dehydrogenase 1 (ADH1)
35	Aldehyde Dehydrogenase, Mitochondrial (ALDM)
36	Aldolase A, Fructose Bisphosphate (ALDOA)
37	Aldolase B, Fructose Bisphosphate (ALDOB)
38	Aldolase C, Fructose Bisphosphate (ALDOC)
39	Aldosterone (ALD)
40	Aldosterone Synthase (ALDOS)
41	Alkaline Phosphatase (ALP)
42	Alkaline Phosphatase, Intestinal (ALPI)
43	Alkaline Phosphatase, Liver/Bone/Kidney (ALPL)
44	Alkaline Sphingomyelinase (Alk-Smase)
45	Allopregnanolone (AP)
46	Alpha 1 Acid Glycoprotein (a1AGP)
47	Alpha 1 Microglobulin/Bikunin Precursor (a1M)
48	Alpha 1-Antitrypsin (a1AT)
49	Alpha 2 Plasmin Inhibitor (a2PI)
50	Alpha 2-Heremans Schmid Glycoprotein (aHSG)
51	Alpha 2-Macroglobulin (a2M)
52	Alpha Crosslaps (aCTx)
53	Alpha Fodrin
54	Alpha Hemoglobin Stabilizing Protein (aHSP)
55	Aminolevulinate, Delta, Synthase 1 (ALAS1)
56	Amphiregulin (AREG)
57	Amylase Alpha 1, Salivary (AMY1)
58	Amyloid Beta Peptide 1-40 (Ab1-40)
59	Amyloid Beta Peptide 1-42 (Ab1-42)
60	Amyloid Precursor Protein (APP)
61	Androgen Receptor (AR)
62	Androstenedione (ASD)
63	Angiogenin (ANG)
64	Angiopoietin 1 (ANGPT1)
65	Angiopoietin 2 (ANGPT2)
66	Angiopoietin 4 (ANGPT4)
67	Angiopoietin Like Protein 1 (ANGPTL1)
68	Angiostatin (ANG)
69	Angiotensin I (AngI)
70	Angiotensin I Converting Enzyme (ACE)
71	Angiotensin I Converting Enzyme 2 (ACE2)
72	Angiotensin II (AngII)
73	Angiotensinogen (AGT)
74	Annexin A2 (ANXA2)
75	Annexin A5 (ANXA5)
76	Anti Mullerian Hormone (AMH)
77	Anti-Islet Cell Antibodies (ICA)
78	Anti-Survivin Antibody (Anti-Surv)
79	Apolipoprotein A1 (APOA1)
80	Apolipoprotein A2 (APOA2)

81	Apolipoprotein A5 (APOA5)
82	Apolipoprotein B (APOB)
83	Apolipoprotein B100 (APOB100)
84	Apolipoprotein C1 (APOC1)
85	Apolipoprotein E (APOE)
86	Apolipoprotein H (APOH)
87	Apoptosis Inducing Factor (AIF)
88	Aquaporin 1, Colton Blood Group (AQP1)
89	Aquaporin 2, Collecting Duct (AQP2)
90	Aquaporin 3, Gill Blood Group (AQP3)
91	Aquaporin 4 (AQP4)
92	Aquaporin 5 (AQP5)
93	Aquaporin 9 (AQP9)
94	Arginine (Arg)
95	Aromatase (ARO)
96	Aryl Hydrocarbon Receptor (AhR)
97	Aryl Hydrocarbon Receptor Nuclear Translocator Like Protein (ARNTL)
98	Aspartate Aminotransferase (AST)
99	Atrial Natriuretic Peptide (ANP)
100	B-Cell Activating Factor (BAFF)
101	B-Cell Leukemia/Lymphoma 2 (Bcl2)
102	Bcl2 Associated X Protein (Bax)
103	BCL2/Adenovirus E1B 19kDa Interacting Protein 3 (BNIP3)
104	Beta 1, 4-Galactosyltransferase 1 (b4GALT1)
105	Beta 2 Microglobulin (b2M)
106	Beta Crosslaps (bCTx)
107	Beta Endorphin (bEP)
108	Beta Site APP Cleaving Enzyme 1 (bACE1)
109	Beta Site APP Cleaving Enzyme 2 (bACE2)
110	Betacellulin (bTC)
111	BH3 Interacting Domain Death Agonist (Bid)
112	Big Dynorphin (Dyn)
113	B-Lymphocyte Activation Antigen B7-2 (LAB7-2)
114	Bombesin (BB)
115	Bone Morphogenetic Protein 1 (BMP1)
116	Bone Morphogenetic Protein 2 (BMP2)
117	Bone Morphogenetic Protein 4 (BMP4)
118	Bone Morphogenetic Protein 6 (BMP6)
119	Bone Morphogenetic Protein 7 (BMP7)
120	Bone Morphogenetic Protein Receptor 1A (BMPR1A)
121	Bone Morphogenetic Protein Receptor II (BMPRII)
122	Bradykinin (BK)
123	Brain Derived Neurotrophic Factor (BDNF)
124	Brain Natriuretic Peptide (BNP)
125	Branched Chain Alpha Ketoacid Dehydrogenase Kinase (BCKDK)
126	C Reactive Protein (CRP)
127	C4 Binding Protein, Alpha (C4BP $\alpha$ )

128	Cadherin, Epithelial (CDHE)
129	Cadherin, Fetal Kidney (KCAD)
130	Calcineurin (CaN)
131	Calcitonin (CT)
132	Calcitonin Gene Related Peptide (CGRP)
133	Calcium/Calmodulin Dependent Protein Kinase II Alpha (CAMK2a)
134	Calcium/Calmodulin Dependent Protein Kinase II Gamma (CAMK2g)
135	Calretinin (CR)
136	Cannabinoid Receptor 1, Brain (CNR1)
137	Cannabinoid Receptor 2, Macrophage (CNR2)
138	Carbonic Anhydrase I (CA1)
139	Carbonic Anhydrase II (CA2)
140	Carbonic Anhydrase IX (CA9)
141	Carboxypeptidase A1, Pancreatic (CPA1)
142	Carboxypeptidase A2, Pancreatic (CPA2)
143	Carboxypeptidase A3, Mast Cell (CPA3)
144	Carcinoembryonic Antigen (CEA)
145	Cardiotrophin 1 (CT1)
146	Carnitine Acylcarnitine Translocase (CACT)
147	Carnitine Palmitoyltransferase 2, Mitochondrial (CPT2)
148	Cartilage Oligomeric Matrix Protein (COMP)
149	Caspase 1 (CASP1)
150	Caspase 11 (CASP11)
151	Caspase 14 (CASP14)
152	Caspase 3 (CASP3)
153	Caspase 7 (CASP7)
154	Caspase 8 (CASP8)
155	Caspase 9 (CASP9)
156	Catalase (CAT)
157	Cathepsin D (CTSD)
158	Cathepsin G (CTSG)
159	Cathepsin K (CTSK)
160	Cathepsin L (CTSL)
161	Caveolin 1 (CAV1)
162	CCAAT/Enhancer Binding Protein Beta (CEBPb)
163	Centromere Protein E (CENPE)
164	Ceruloplasmin (CP)
165	Chemerin
166	Chemokine C-X3-C-Motif Ligand 1 (CX3CL1)
167	Chemokine C-X-C-Motif Ligand 16 (CXCL16)
168	Chemokine C-X-C-Motif Receptor 3 (CXCR3)
169	Cholecystokinin (CCK)
170	Cholecystokinin 8, Octapeptide (CCK8)
171	Cholecystokinin A Receptor (CCKAR)
172	Cholesterol (CH)
173	Choline Acetyltransferase (ChAT)
174	Cholinergic Receptor, Muscarinic 1 (CHRM1)

175	Cholinergic Receptor, Nicotinic, Alpha 1 (CHRNA1)
176	Chromogranin A (CHGA)
177	Ciliary Neurotrophic Factor (CNTF)
178	Citrate Synthase (CS)
179	Clara Cell Protein 16 (CC16)
180	Cluster Of Differentiation 14 (CD14)
181	Cluster Of Differentiation 19 (CD19)
182	Cluster Of Differentiation 30 Ligand (CD30L)
183	Cluster Of Differentiation 320 (CD320)
184	Cluster Of Differentiation 3d (CD3d)
185	Cluster Of Differentiation 40 Ligand (CD40L)
186	Cluster Of Differentiation 83 (CD83)
187	Clusterin (CLU)
188	Coagulation Factor II (F2)
189	Coagulation Factor IX (F9)
190	Coagulation Factor V (F5)
191	Coagulation Factor X (F10)
192	Coagulation Factor XII (F12)
193	Coagulation Factor XIII (F13)
194	Collagen Type I (COL1)
195	Collagen Type I Alpha 1 (COL1a1)
196	Collagen Type I Alpha 2 (COL1a2)
197	Collagen Type II (COL2)
198	Collagen Type III (COL3)
199	Collagen Type IV (COL4)
200	Collagen Type IV Alpha 1 (COL4a1)
201	Collagen Type IX Alpha 1 (COL9a1)
202	Collagen Type X (COL10)
203	Colony Stimulating Factor 1, Macrophage (MCSF)
204	Colony Stimulating Factor 2, Granulocyte Macrophage (GMCSF)
205	Colony Stimulating Factor 3, Granulocyte (GCSF)
206	Complement 1 Inhibitor (C1INH)
207	Complement Component 3 (C3)
208	Complement Component 3a (C3a)
209	Complement Component 4 (C4)
210	Complement Component 4A (C4A)
211	Complement Component 5 (C5)
212	Complement Component 5a (C5a)
213	Complement Component 9 (C9)
214	Complement Factor B (CFB)
215	Complement Factor H (CFH)
216	Connective Tissue Growth Factor (CTGF)
217	Connexin 43 (CX43)
218	Contactin 3 (CNTN3)
219	Contactin 4 (CNTN4)
220	Corticosteroid Binding Globulin (CBG)
221	Corticosterone (CORT)

222	Corticotropin Releasing Hormone (CRH)
223	Corticotropin Releasing Hormone Binding Protein (CRHBP)
224	Corticotropin Releasing Hormone Receptor 1 (CRHR1)
225	Cortisol
226	C-Peptide
227	Creatine Kinase MB Isoenzyme (CKMB)
228	Creatine Kinase, Muscle (CKM)
229	Cross Linked C-Telopeptide Of Type I Collagen (CTXI)
230	Cross Linked C-Telopeptide Of Type II Collagen (CTXII)
231	Cross Linked C-Telopeptide Of Type III Collagen (CTXIII)
232	Cross Linked N-Telopeptide Of Type I Collagen (NTXI)
233	C-Type Natriuretic Peptide (CNP)
234	Cyclic AMP Response Element Binding Protein (CREB)
235	Cyclin D1 (CCND1)
236	Cyclin D2 (CCND2)
237	Cyclin D3 (CCND3)
238	Cyclin Dependent Kinase Inhibitor 1A (CDKN1A)
239	Cyclin Dependent Kinase Inhibitor 2A (CDKN2A)
240	Cyclophilin B (CYPB)
241	Cystatin 3 (CST3)
242	Cysteinyl Leukotriene Receptor 2 (CYSLTR2)
243	Cytochrome C, Somatic (CYCS)
244	Cytochrome P450 2E1 (CYP2E1)
245	Cytochrome P450 Reductase (CPR)
246	Cytovillin (CVL)
247	D Site Of Albumin Promoter Binding Protein (DBP)
248	D-Dimer (D2D)
249	Defensin Beta 1 (DEFb1)
250	Dehydroepiandrosterone (DHEA)
251	Deoxyypyridinoline (DPD)
252	Dermcidin (DCD)
253	Desmin (Des)
254	Diamine Oxidase (DAO)
255	Dihydrolipoyl Transacetylase (DLAT)
256	Dihydrotestosterone (DHT)
257	Dipeptidyl Peptidase IV (DPP4)
258	Discs, Large Homolog 4 (DLG4)
259	Dopamine (DA)
260	Dopamine Receptor D1 (DRD1)
261	Dopamine Receptor D2 (DRD2)
262	Dopamine Receptor D3 (DRD3)
263	Dopamine Receptor D4 (DRD4)
264	Dopamine Transporter (DAT)
265	Elastase 2, Neutrophil (ELA2)
266	Elastin (ELN)
267	Endocrine Gland Derived Vascular Endothelial Growth Factor (EG-VEGF)
268	Endoglin (ENG)

269	Endostatin (ES)
270	Endothelin 1 (EDN1)
271	Endothelin 2 (EDN2)
272	Endothelin Converting Enzyme 1 (ECE1)
273	Endothelin Receptor A (ETRA)
274	Endothelin Receptor B (ETRB)
275	Enkephalin (ENK)
276	Enolase, Neuron Specific (NSE)
277	Eosinophil Chemotactic Factor (ECF)
278	Epidermal Growth Factor (EGF)
279	Epidermal Growth Factor Receptor (EGFR)
280	Epidermal Growth Factor Receptor 2 (EGFR2)
281	Epinephrine (EPI)
282	Epitestosterone (E)
283	Epithelial Neutrophil Activating Peptide 78 (ENA78)
284	Erythropoietin (EPO)
285	Erythropoietin Receptor (EPOR)
286	Estradiol (E2)
287	Estriol (E3)
288	Estrogen Receptor Alpha (ERa)
289	Estrogen Receptor Beta (ERb)
290	Extracellular Signal Regulated Kinase 2 (ERK2)
291	Factor Related Apoptosis (FAS)
292	Factor Related Apoptosis Ligand (FASL)
293	Fatty Acid Binding Protein 2, Intestinal (FABP2)
294	Fatty Acid Binding Protein 3, Muscle And Heart (FABP3)
295	Fatty Acid Binding Protein 4, Adipocyte (FABP4)
296	Fatty Acid Desaturase 1 (FADS1)
297	Fatty Acid Desaturase 2 (FADS2)
298	Fatty Acid Synthase (FASN)
299	Fatty Acid Transport Protein 5 (FATP5)
300	Ferrochelatase (FECH)
301	Ferroportin (FPN)
302	Fetoprotein, Alpha (aFP)
303	Fetuin B (FETUB)
304	Fibrillin 1 (FBN1)
305	Fibrinogen (FG)
306	Fibrinogen Alpha (FGa)
307	Fibrinogen Degradation Product (FDP)
308	Fibroblast Growth Factor 1, Acidic (FGF1)
309	Fibroblast Growth Factor 10 (FGF10)
310	Fibroblast Growth Factor 2, Basic (FGF2)
311	Fibroblast Growth Factor 23 (FGF23)
312	Fibroblast Growth Factor 4 (FGF4)
313	Fibroblast Growth Factor 6 (FGF6)
314	Fibroblast Growth Factor 7 (FGF7)
315	Fibroblast Growth Factor 9 (FGF9)

316	Fibroblast Growth Factor Receptor Substrate 2 (FRS2)
317	Fibronectin (FN)
318	FMS Like Tyrosine Kinase 3 (Flt3)
319	Follicle Stimulating Hormone (FSH)
320	Follistatin (FS)
321	Forkhead Box Protein M1 (FOXM1)
322	Free Thyroxine (fT4)
323	Free Triiodothyronine (fT3)
324	Fucosidase, Alpha L1, Tissue (FUCa1)
325	Galactose 1-Phosphate Uridyltransferase (GALT)
326	Galanin (GAL)
327	Galectin 1 (GAL1)
328	Galectin 2 (GAL2)
329	Galectin 3 (GAL3)
330	Galectin 4 (GAL4)
331	Galectin 7 (GAL7)
332	Galectin 8 (GAL8)
333	Galectin 9 (GAL9)
334	Gastric Inhibitory Polypeptide (GIP)
335	Gastrin (GT)
336	Gastroke 1 (GKN1)
337	Gastroke 2 (GKN2)
338	GATA Binding Protein 2 (GATA2)
339	GATA Binding Protein 4 (GATA4)
340	Gelsolin (GS)
341	Ghrelin (GHRL)
342	Glial Cell Line Derived Neurotrophic Factor (GDNF)
343	Glial Fibrillary Acidic Protein (GFAP)
344	Glucagon (GC)
345	Glucagon Like Peptide 1 (GLP1)
346	Glucocorticoid Induced Tumor Necrosis Factor Receptor (GITR)
347	Glucocorticoid Receptor (GR)
348	Glucokinase (GCK)
349	Glucoprotein 130 (gp130)
350	Glucose 6 Phosphate Dehydrogenase (G6PD)
351	Glucose Transporter 4 (GLUT4)
352	Glucuronidase, Beta (GUSb)
353	Glutamate Decarboxylase 2, Acid (GAD2)
354	Glutamate Dehydrogenase 1 (GDH)
355	Glutamate Receptor, Ionotropic, Kainate 2 (GRIK2)
356	Glutamine synthetase (GS)
357	Glutathione Peroxidase 1 (GPX1)
358	Glutathione Peroxidase 3, Plasma (GPX3)
359	Glutathione Reductase (GR)
360	Glutathione S Transferase Alpha 1 (GSTa1)
361	Glutathione S Transferase Alpha 3 (GSTa3)
362	Glutathione S Transferase Theta 1 (GSTt1)



363	Glutathione S Transferase Theta 2 (GSTt2)
364	Glycerol 3-Phosphate Acyltransferase, Mitochondrial (GPAM)
365	Glycogen Phosphorylase, Brain (PYGB)
366	Glycogen Phosphorylase, Liver (PYGL)
367	Glycogen Phosphorylase, Muscle (PYGM)
368	Glycogen Synthase Kinase 3 Alpha (GSK3a)
369	Gonadotropin Releasing Hormone (GnRH)
370	Gonadotropin Releasing Hormone Receptor (GnRHR)
371	Granulocyte Chemotactic Protein 2 (GCP2)
372	Granzyme A (GZMA)
373	Granzyme B (GZMB)
374	Granzyme K (GZMK)
375	Granzyme M (GZMM)
376	Growth Arrest And DNA Damage Inducible Protein Alpha (GADD45a)
377	Growth Differentiation Factor 15 (GDF15)
378	Growth Differentiation Factor 3 (GDF3)
379	Growth Hormone (GH)
380	Growth Hormone Releasing Hormone (GHRH)
381	Haptoglobin (Hpt)
382	Heat Shock Protein 27 (HSP27)
383	Heat Shock Protein 40 (HSP40)
384	Heat Shock Protein 47 (HSP47)
385	Heat Shock Protein 60 (HSP60)
386	Heat Shock Protein 70 (HSP70)
387	Heat Shock Protein 90kDa Beta 1 (HSP90b1)
388	Heat Shock Protein Beta 2 (HSPb2)
389	Heat Shock Protein Beta 8 (HSPb8)
390	Heat Shock Transcription Factor 1 (HSF1)
391	Heat Shock Transcription Factor 4 (HSF4)
392	Hedgehog Homolog, Indian (IHH)
393	Hedgehog Homolog, Sonic (SHH)
394	Heme Oxygenase 1, Decycling (HO1)
395	Heme Oxygenase 2, Decycling (HO2)
396	Hemopexin (HPX)
397	Heparan Sulfate (HS)
398	Heparan Sulfate Proteoglycan (HSPG)
399	Heparin Binding Epidermal Growth Factor Like Growth Factor (HBEGF)
400	Heparin Cofactor II (HC II)
401	Hepatocyte Growth Factor (HGF)
402	Hepatoma Derived Growth Factor (HDGF)
403	Hepcidin (Hepc)
404	Hexokinase 1 (HK1)
405	Hexosaminidase B, Beta (HEXb)
406	High Density Lipoprotein (HDL)
407	High Mobility Group Protein 1 (HMG1)
408	Histamine (HIS)
409	Histone Acetyltransferase 1 (HAT1)

410	Histone H2A (H2A)
411	Histone H2B (H2B)
412	Histone H3 (H3)
413	Homing Associated Cell Adhesion Molecule (HCAM)
414	Homocysteic Acid (HA)
415	Hyaluronan Binding Protein 1 (HABP1)
416	Hyaluronic Acid (HA)
417	Hydroxybutyric Acid Beta (OHb)
418	Hydroxyproline (Hyp)
419	Hypoxia Inducible Factor 1, Alpha (HIF1a)
420	Immunoglobulin A (IgA)
421	Immunoglobulin E (IgE)
422	Immunoglobulin G (IgG)
423	Indoleamine 2, 3-Dioxygenase (IDO)
424	Inhibin A (INHA)
425	Inhibin B (INHB)
426	Inhibin Beta A (INHbA)
427	Inhibin Beta C (INHbC)
428	Inhibin Beta E (INHbE)
429	Inhibin Binding Protein (INHBP)
430	Inhibitory Subunit Of NF Kappa B Alpha (IkBa)
431	Inhibitory Subunit Of NF Kappa B Beta (IkBb)
432	Inositol Triphosphate (IP3)
433	Insulin (INS)
434	Insulin Autoantibody (IAA)
435	Insulin Like Growth Factor 1 (IGF1)
436	Insulin Like Growth Factor 2 (IGF2)
437	Insulin Like Growth Factor 2, Antisense (IGF2AS)
438	Insulin Like Growth Factor Binding Protein 1 (IGFBP1)
439	Insulin Like Growth Factor Binding Protein 2 (IGFBP2)
440	Insulin Like Growth Factor Binding Protein 3 (IGFBP3)
441	Insulin Like Growth Factor Binding Protein 4 (IGFBP4)
442	Insulin Like Growth Factor Binding Protein 5 (IGFBP5)
443	Insulin Like Growth Factor Binding Protein 6 (IGFBP6)
444	Insulin Receptor (ISR)
445	Integrin Alpha M (ITGaM)
446	Intercellular Adhesion Molecule 1 (ICAM1)
447	Intercellular Adhesion Molecule 2 (ICAM2)
448	Intercellular Adhesion Molecule 5 (ICAM5)
449	Interferon Inducible T-Cell Alpha Chemoattractant (ITaC)
450	Interferon, Alpha (IFNa)
451	Interferon, Beta (IFNb)
452	Interferon, Gamma (IFNg)
453	Interferon, Gamma Induced Protein 10kDa (IP10)
454	Interleukin 1 Alpha (IL1a)
455	Interleukin 1 Beta (IL1b)
456	Interleukin 1 Delta (FIL1d)

457	Interleukin 1 Receptor Antagonist (IL1RA)
458	Interleukin 1 Receptor Associated Kinase 2 (IRAK2)
459	Interleukin 1 Receptor Type I (IL1R1)
460	Interleukin 1 Receptor Type II (IL1R2)
461	Interleukin 10 (IL10)
462	Interleukin 11 (IL11)
463	Interleukin 12A (IL12A)
464	Interleukin 12B (IL12B)
465	Interleukin 13 (IL13)
466	Interleukin 15 (IL15)
467	Interleukin 16 (IL16)
468	Interleukin 17 (IL17)
469	Interleukin 17B (IL17B)
470	Interleukin 18 (IL18)
471	Interleukin 19 (IL19)
472	Interleukin 2 (IL2)
473	Interleukin 2 Receptor Alpha (IL2Ra)
474	Interleukin 2 Receptor Beta (IL2Rb)
475	Interleukin 20 (IL20)
476	Interleukin 21 (IL21)
477	Interleukin 22 Receptor Alpha 2 (IL22Ra2)
478	Interleukin 23 (IL23)
479	Interleukin 23 Receptor (IL23R)
480	Interleukin 27 (IL27)
481	Interleukin 28 Receptor (IL28R)
482	Interleukin 3 (IL3)
483	Interleukin 4 (IL4)
484	Interleukin 5 (IL5)
485	Interleukin 6 (IL6)
486	Interleukin 6 Receptor (IL6R)
487	Interleukin 7 (IL7)
488	Interleukin 7 Receptor (IL7R)
489	Interleukin 8 Receptor Alpha (IL8Ra)
490	Interleukin 8 Receptor Beta (IL8Rb)
491	Interleukin 9 (IL9)
492	Islet Amyloid Polypeptide (IAPP)
493	Kallikrein 1 (KLK1)
494	Kallikrein 10 (KLK10)
495	Kallikrein 3 (KLK3)
496	Kallikrein 4 (KLK4)
497	Kallikrein 5 (KLK5)
498	Kallikrein 9 (KLK9)
499	Keratin 18 (KRT18)
500	Ki-67 Protein (Ki67P)
501	Kidney Injury Molecule 1 (Kim1)
502	Kisspeptin 1 (KISS1)
503	Klotho (KL)

504	Kruppel Like Factor 4, Gut (KLF4)
505	Lactalbumin, Alpha (aLA)
506	Lactate Dehydrogenase (LDH)
507	Lactate Dehydrogenase A (LDHA)
508	Lactate Dehydrogenase B (LDHB)
509	Lactoferrin (LTF)
510	Lactoperoxidase (LPO)
511	Lamin A/C (LMNA)
512	Laminin (LN)
513	Laminin Alpha 1 (LAMA1)
514	Laminin Beta 1 (LAMB1)
515	Large Multifunctional Peptidase 2 (LMP2)
516	Lecithin Cholesterol Acyltransferase (LCAT)
517	Lectin Like Oxidized Low Density Lipoprotein Receptor 1 (LOX1)
518	Leptin (LEP)
519	Leptin Receptor (LEPR)
520	Leucine Aminopeptidase (LAP)
521	Leucine Rich Alpha 2 Glycoprotein 1 (LRG1)
522	Leukemia Inhibitory Factor (LIF)
523	Leukemia Inhibitory Factor Receptor (LIFR)
524	Leukotriene B4 (LTB4)
525	Leukotriene C4 (LTC4)
526	Leukotriene E4 (LTE4)
527	Linker For Activation Of T-Cell (LAT)
528	Lipase, Endothelial (LIPG)
529	Lipase, Hepatic (LIPC)
530	Lipase, Hormone Sensitive (LIPE)
531	Lipase, Lipoprotein (LIPD)
532	Lipocalin 1 (LCN1)
533	Lipopolysaccharide Binding Protein (LBP)
534	Lipoxygenase 12 (LOX12)
535	Lipoxygenase 15 (LOX15)
536	Lipoxygenase 5 (LOX5)
537	Low Density Lipoprotein (LDL)
538	Luteinizing Hormone (LH)
539	Lymphocyte Function Associated Antigen 2 (LFA2)
540	Lymphotactin (Lptn)
541	Macrophage Derived Chemokine (MDC)
542	Macrophage Inflammatory Protein 1 Alpha (MIP1a)
543	Macrophage Inflammatory Protein 1 Beta (MIP1b)
544	Macrophage Inflammatory Protein 3 Alpha (MIP3a)
545	Macrophage Inflammatory Protein 3 Beta (MIP3b)
546	Macrophage Inflammatory Protein 5 (MIP5)
547	Macrophage Inflammatory Protein Related Protein 1 (MRP1)
548	Macrophage Migration Inhibitory Factor (MIF)
549	Major Basic Protein (MBP)
550	Malondialdehyde (MDA)

551	Malonyl CoA Decarboxylase (MLYCD)
552	Mannose Associated Serine Protease 1 (MASP1)
553	Mannose Binding Lectin (MBL)
554	Mannose Receptor C Type 1 (MRC1)
555	Matrix Gla Protein (MGP)
556	Matrix Metalloproteinase 1 (MMP1)
557	Matrix Metalloproteinase 10 (MMP10)
558	Matrix Metalloproteinase 11 (MMP11)
559	Matrix Metalloproteinase 12 (MMP12)
560	Matrix Metalloproteinase 13 (MMP13)
561	Matrix Metalloproteinase 16 (MMP16)
562	Matrix Metalloproteinase 2 (MMP2)
563	Matrix Metalloproteinase 23B (MMP23B)
564	Matrix Metalloproteinase 3 (MMP3)
565	Matrix Metalloproteinase 7 (MMP7)
566	Matrix Metalloproteinase 8 (MMP8)
567	Matrix Metalloproteinase 9 (MMP9)
568	Melatonin (MT)
569	Membrane Protein, Palmitoylated 2 (MPP2)
570	Membrane Protein, Palmitoylated 6 (MPP6)
571	Metallothionein 1 (MT1)
572	Metallothionein 3 (MT3)
573	Metanephrine (MN)
574	Methemoglobin Reductase (MHBR)
575	Microsomal Glutathione S Transferase 1 (MGST1)
576	Microsomal Glutathione S Transferase 2 (MGST2)
577	Microtubule Associated Protein Tau (MAPT)
578	Mitogen Activated Protein Kinase 10 (MAPK10)
579	Monocyte Chemotactic Protein 1 (MCP1)
580	Monocyte Chemotactic Protein 3 (MCP3)
581	Monokine Induced By Interferon Gamma (Mlg)
582	Mothers Against Decapentaplegic Homolog 1 (Smad1)
583	Mothers Against Decapentaplegic Homolog 7 (Smad7)
584	Motilin (MTL)
585	Mucin 1 (MUC1)
586	Mucin 5 Subtype AC (MUC5AC)
587	Myelin Associated Glycoprotein (MAG)
588	Myelin Basic Protein (MBP)
589	Myeloperoxidase (MPO)
590	Myogenic Differentiation (MyoD)
591	Myoglobin (MYO)
592	Myosin Heavy Chain 1, Skeletal Muscle, Adult (MYH1)
593	Myosin Heavy Chain 2, Skeletal Muscle, Adult (MYH2)
594	Myosin IA (MYO1A)
595	Myosin Light Chain Kinase (MYLK)
596	Myostatin (MSTN)
597	N-Acetyl Beta D Glucosaminidase (NAGase)

598	Nerve Growth Factor (NGF)
599	Nerve Growth Factor IB (NGFIB)
600	Nesfatin 1 (NES1)
601	Netrin 1 (Ntn1)
602	Neuregulin 1 (NRG1)
603	Neurochondrin (NCDN)
604	Neuroglobin (NGB)
605	Neurokinin B (NKB)
606	Neuromedin B (NMB)
607	Neuromedin S (NMS)
608	Neuronal Pentraxin I (NPTX1)
609	Neuropathy Target Esterase (NTE)
610	Neuropeptide S (NPS)
611	Neuropeptide Y (NPY)
612	Neuropilin 1 (NRP1)
613	Neurotensin (NT)
614	Neurotrophin 3 (NT3)
615	Neurotrophin 4 (NT4)
616	Neutral Sphingomyelinase (NSMASE)
617	Neutrophil Activating Protein 3 (NAP3)
618	Neutrophil Cytosolic Factor 2 (NCF2)
619	Neutrophil Gelatinase Associated Lipocalin (NGAL)
620	Nicotinamide Adenine Dinucleotide Phosphate Oxidase 1 (NOX1)
621	Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4 (NOX4)
622	Nitric Oxide Synthase 1, Neuronal (NOS1)
623	Nitric Oxide Synthase 2, Inducible (NOS2)
624	Nitric Oxide Synthase 3, Endothelial (NOS3)
625	Nitric Oxide Synthase Trafficker (NOSTRIN)
626	Nitrotyrosine (NT)
627	Noggin (NOG)
628	Noradrenaline (NE)
629	N-Terminal Pro Atrial Natriuretic Peptide (NT-ProANP)
630	N-Terminal Pro Brain Natriuretic Peptide (NT-ProBNP)
631	Nuclear Factor Kappa B (NFkB)
632	Nuclear Receptor Subfamily 1, Group D, Member 2 (NR1D2)
633	Nuclear Respiratory Factor 1 (NRF1)
634	Nucleoporin 210kDa (NUP210)
635	Occludin (OCLN)
636	Octamer Binding Transcription Factor 4 (OCT4)
637	Omentin
638	Oncostatin M (OSM)
639	Oncostatin M Receptor (OSMR)
640	Orexin A (OXA)
641	Ornithine Carbamoyl Transferase (OCT)
642	Orphanin FQ (OFQ)
643	Osteocalcin (OT)
644	Osteonectin (ON)

645	Osteopontin (OPN)
646	Osteoprotegerin (OPG)
647	Oxidized Low Density Lipoprotein (OxLDL)
648	Oxidosqualene Cyclase (OSC)
649	Oxytocin Receptor (OXTR)
650	P53 Upregulated Modulator Of Apoptosis (PUMA)
651	Paraoxonase 1 (PON1)
652	Parathyroid Hormone (PTH)
653	Parathyroid Hormone Receptor 2 (PTHr2)
654	Parathyroid Hormone Related Protein (PTHrP)
655	Pentraxin 3, Long (PTX3)
656	Pepsinogen A (PGA)
657	Pepsinogen C (PGC)
658	Peptide YY (PYY)
659	Perforin 1 (PRF1)
660	Peroxisomal Biogenesis Factor 2 (PEX2)
661	Peroxisome Proliferator Activated Receptor Alpha (PPARa)
662	Peroxisome Proliferator Activated Receptor Gamma (PPARg)
663	Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARgC1a)
664	Phosphoinositide 3-Kinase Class 2 Alpha Polypeptide (PIK3C2a)
665	Phospholipase A2 Activating Protein (PLAA)
666	Phospholipase A2, Calcium Independent (iPLA2)
667	Phospholipase A2, Cytosolic (cPLA2)
668	Phospholipase A2, Lipoprotein Associated (LpPLA2)
669	Phospholipase A2, Secreted (sPLA2)
670	Phospholipase C Beta 1, Phosphoinositide Specific (PLCb1)
671	Placenta Growth Factor (PLGF)
672	Plasminogen (Plg)
673	Plasminogen Activator Inhibitor 1 (PAI1)
674	Plasminogen Activator Inhibitor 2 (PAI2)
675	Plasminogen Activator, Tissue (tPA)
676	Plasminogen Activator, Urokinase (uPA)
677	Plasminogen Activator, Urokinase Receptor (uPAR)
678	Platelet Activating Factor (PAF)
679	Platelet Derived Growth Factor Receptor Alpha (PDGFRa)
680	Platelet Derived Growth Factor Subunit A (PDGFA)
681	Platelet Derived Growth Factor Subunit B (PDGFB)
682	Platelet Factor 4 (PF4)
683	Platelet/Endothelial Cell Adhesion Molecule (PECAM1)
684	Podoplanin (PDPN)
685	Pregnancy Associated Plasma Protein A (PAPPA)
686	Presenilin 1 (PSEN1)
687	Procalcitonin (PCT)
688	Procollagen I (PCI)
689	Procollagen I C-Terminal Propeptide (PICP)
690	Procollagen I N-Terminal Propeptide (PINP)

691	Procollagen II C-Terminal Propeptide (PIICP)
692	Procollagen II N-Terminal Propeptide (PIINP)
693	Procollagen III (PCIII)
694	Procollagen III N-Terminal Propeptide (PIIINP)
695	Progesterone (Pg)
696	Progesterone Receptor (PGR)
697	Prohibitin (PHB)
698	Prokineticin 2 (PK2)
699	Prokineticin Receptor 1 (PKR1)
700	Prolactin (PRL)
701	Proliferating Cell Nuclear Antigen (PCNA)
702	Prolyl 4-Hydroxylase, Alpha Polypeptide I (P4Ha1)
703	Prolylcarboxypeptidase (PRCP)
704	Prostacyclin (PGI2)
705	Prostaglandin E Receptor 2 (EP2)
706	Prostaglandin E Synthase 2 (PTGES2)
707	Prostaglandin E1 (PGE1)
708	Prostaglandin E2 (PGE2)
709	Prostaglandin Endoperoxide Synthase 1 (PTGS1)
710	Prostaglandin Endoperoxide Synthase 2 (PTGS2)
711	Prostaglandin F Receptor (FP)
712	Prostaglandin F2 Alpha (PGF2a)
713	Prostaglandin H2 (PGH2)
714	Protease Activated Receptor 2 (PAR2)
715	Protease Activated Receptor 3 (PAR3)
716	Protease, Serine 1 (PRSS1)
717	Protein C (PROC)
718	Protein C Receptor, Endothelial (PROCR)
719	Protein Interacting With Protein Kinase C, Alpha 1 (PICK1)
720	Protein Kinase B Gamma (PKBg)
721	Protein Kinase C Alpha (PKCa)
722	Protein Kinase C Beta 1 (PKCb1)
723	Protein Kinase C Epsilon (PKCe)
724	Protein Kinase C Eta (PKCh)
725	Protein Kinase C Gamma (PKCg)
726	Protein Kinase C Theta (PKCq)
727	Protein Kinase C Zeta (PKCz)
728	Protein Kinase D1 (PKD1)
729	Protein Kinase Inhibitor Beta (PKIb)
730	Protein Kinase Inhibitor Gamma (PKIg)
731	Protein Kinase N2 (PKN2)
732	Protein Kinase, AMP Activated Beta 1 (PRKAb1)
733	Protein Z Dependent Protease Inhibitor (ZPI)
734	Proteinase 3 (PR3)
735	Protoporphyrinogen Oxidase (PPOX)
736	Pulmonary Surfactant Associated Protein A (SPA)
737	Pulmonary Surfactant Associated Protein B (SPB)



738	Pulmonary Surfactant Associated Protein C (SPC)
739	Pulmonary Surfactant Associated Protein D (SPD)
740	Pyridinoline (PYD)
741	Pyruvate Dehydrogenase Alpha (PDHa)
742	Pyruvate Dehydrogenase Kinase Isozyme 4 (PDK4)
743	Pyruvate Dehydrogenase Phosphatase (PDP)
744	Pyruvate Kinase, Liver And RBC (PK)
745	Pyruvate Kinase, Muscle (PKM2)
746	Receptor Activator Of Nuclear Factor Kappa B (RANK)
747	Receptor Activator Of Nuclear Factor Kappa B Ligand (RANKL)
748	Regenerating Islet Derived Protein 1 Alpha (REG1a)
749	Regenerating Islet Derived Protein 4 (REG4)
750	Regulated On Activation In Normal T-Cell Expressed And Secreted (RANTES)
751	Renin (REN)
752	Resistin (RETN)
753	Retinol Binding Protein 4, Plasma (RBP4)
754	Ribonuclease A3 (RNASE3)
755	Ribonuclease H (RNASEH)
756	Ribonuclease T2 (RNASET2)
757	S100 Calcium Binding Protein (S100)
758	S100 Calcium Binding Protein A11 (S100A11)
759	S100 Calcium Binding Protein A4 (S100A4)
760	S100 Calcium Binding Protein B (S100B)
761	Sclerostin (SOST)
762	Secretory Immunoglobulin A (sIgA)
763	Secretory Leukocyte Peptidase Inhibitor (SLPI)
764	Selectin, Endothelium (SELE)
765	Selectin, Leukocyte (SELL)
766	Selectin, Platelet (SELP)
767	Selenoprotein P1, Plasma (SEPP1)
768	Selenoprotein W1 (SEPW1)
769	Serum Amyloid P Component (SAP)
770	Sex Determining Region Y Box Protein 2 (SOX2)
771	Sex Hormone Binding Globulin (SHBG)
772	Sirtuin 1 (SIRT1)
773	Sirtuin 3 (SIRT3)
774	Slit Homolog 2 (Slit2)
775	Somatostatin (SST)
776	Sorbitol Dehydrogenase (SDH)
777	Stem Cell Factor (SCF)
778	Stem Cell Factor Receptor (SCFR)
779	Steroid 5 Alpha Reductase 1 (SRD5a1)
780	Stromal Cell Derived Factor 1 (SDF1)
781	Stromal Cell Derived Factor 2 (SDF2)
782	Stromal Cell Derived Factor 4 (SDF4)
783	Substance P (SP)
784	Superoxide Dismutase 1, Soluble (SOD1)

785	Superoxide Dismutase 2, Mitochondrial (SOD2)
786	Superoxide Dismutase 3, Extracellular (SOD3)
787	Superoxide Dismutase, Copper Chaperone (SOD4)
788	Syndecan 1 (SDC1)
789	Syndecan 4 (SDC4)
790	Tachykinin Receptor 1 (TACR1)
791	Tachykinin Receptor 2 (TACR2)
792	TEK Tyrosine Kinase, Endothelial (Tie2)
793	Telomerase Associated Protein 1 (TEP1)
794	Tenascin C (TNC)
795	Tenascin X (TNX)
796	Terminal Complement Complex C5b-9 (C5b-9)
797	Testosterone (T)
798	TGF Beta Inducible Early Response Gene 1 (TIEG1)
799	Thioredoxin (Trx)
800	Thioredoxin Reductase 1 (TrxR1)
801	Thrombin Activatable Fibrinolysis Inhibitor (TAFI)
802	Thrombin/Antithrombin Complex (TAT)
803	Thromboglobulin, Beta (bTG)
804	Thrombomodulin (TM)
805	Thrombopoietin (TPO)
806	Thrombospondin 1 (THBS1)
807	Thrombospondin 2 (THBS2)
808	Thromboxane A2 (TXA2)
809	Thromboxane B2 (TXB2)
810	Thymus Activation Regulated Chemokine (TARC)
811	Thyroglobulin (TG)
812	Thyroid Peroxidase (TPO)
813	Thyroid Stimulating Hormone (TSH)
814	Thyrotropin Releasing Hormone (TRH)
815	Thyroxine (T4)
816	Tissue Factor (TF)
817	Tissue Factor Pathway Inhibitor (TFPI)
818	Tissue Inhibitors Of Metalloproteinase 1 (TIMP1)
819	Tissue Inhibitors Of Metalloproteinase 2 (TIMP2)
820	Tissue Inhibitors Of Metalloproteinase 3 (TIMP3)
821	Tissue Inhibitors Of Metalloproteinase 4 (TIMP4)
822	Toll Like Receptor 2 (TLR2)
823	Toll Like Receptor 4 (TLR4)
824	Toll Like Receptor 6 (TLR6)
825	Toll Like Receptor 9 (TLR9)
826	Transaldolase (TALDO1)
827	Transcription factor 20 (TCF20)
828	Transferrin (TRF)
829	Transferrin Receptor (TFR)
830	Transferrin Receptor 2 (TFR2)
831	Transforming Growth Factor Alpha (TGFa)

832	Transforming Growth Factor Beta 1 (TGFb1)
833	Transforming Growth Factor Beta 2 (TGFb2)
834	Transforming Growth Factor Beta 3 (TGFb3)
835	Transforming Growth Factor Beta Receptor I (TGFbR1)
836	Transforming Growth Factor Beta Stimulated Protein Clone 22 (TSC22)
837	Transglutaminase 2, Tissue (TGM2)
838	Transmembrane Protein 27 (TMEM27)
839	Transthyretin (TTR)
840	Trefoil Factor 2 (TFF2)
841	Trefoil Factor 3, Intestinal (TFF3)
842	Triggering Receptor Expressed On Myeloid Cells 1 (TREM1)
843	Triiodothyronine (T3)
844	Troponin C (TNC)
845	Troponin I (TNI)
846	Troponin I Type 1, Slow Skeletal (TNNI1)
847	Troponin I Type 2, Fast Skeletal (TNNI2)
848	Troponin I Type 3, Cardiac (TNNI3)
849	Troponin T (TNT)
850	Troponin T Type 2, Cardiac (TNNT2)
851	Trypsinogen Activation Peptide (TAP)
852	Tryptase (TPS)
853	Tryptophan Hydroxylase 1 (TPH1)
854	Tubulin Polymerization Promoting Protein (TPPP)
855	Tumor Necrosis Factor Alpha (TNFa)
856	Tumor Necrosis Factor Beta (TNFb)
857	Tumor Necrosis Factor Ligand Superfamily, Member 12 (TNFSF12)
858	Tumor Necrosis Factor Related Apoptosis Inducing Ligand (TRAIL)
859	Tumor Protein p53 (TP53)
860	Tyrosine Hydroxylase (TH)
861	Tyrosine Kinase With Immunoglobulin Like And EGF Like Domains Protein 1 (Tie1)
862	Ubiquitin (Ub)
863	Ubiquitin Carboxyl Terminal Hydrolase L1 (UCHL1)
864	Urocortin 1 (UCN1)
865	Urocortin 2 (UCN2)
866	Urocortin 3 (UCN3)
867	Uromodulin (UMOD)
868	Urotensin 2 Receptor (UTS2R)
869	Vanin 1 (VNN1)
870	Vascular Cell Adhesion Molecule 1 (VCAM1)
871	Vascular Endothelial Growth Factor 121 (VEGF121)
872	Vascular Endothelial Growth Factor A (VEGFA)
873	Vascular Endothelial Growth Factor B (VEGFB)
874	Vascular Endothelial Growth Factor C (VEGFC)
875	Vascular Endothelial Growth Factor D (VEGFD)
876	Vascular Endothelial Growth Factor Receptor 1 (VEGFR1)
877	Vascular Endothelial Growth Factor Receptor 2 (VEGFR2)

878	Vascular Endothelial Growth Factor Receptor 3 (VEGFR3)
879	Vasoactive Intestinal Peptide (VIP)
880	Very Low Density Lipoprotein Receptor (VLDLR)
881	V-Fos FBJ Murine Osteosarcoma Viral Oncogene Homolog (FOS)
882	VGF Nerve Growth Factor Inducible (VGF)
883	Visceral Adipose Tissue Derived Serine Protease Inhibitor (Vaspin)
884	Visfatin (VF)
885	Vitamin B12 (VB12)
886	Vitamin B6 (VB6)
887	Vitamin B9 (VB9)
888	Vitamin C (VC)
889	Vitamin D Binding Protein (DBP)
890	Vitamin D2 (VD2)
891	Vitamin D3 (VD3)
892	Vitamin D5 (VD5)
893	Vitamin E (VE)
894	Vitamin K1 (VK1)
895	V-Jun Sarcoma Virus 17 Oncogene Homolog (JUN)
896	V-Myc Myelocytomatosis Viral Oncogene Homolog (MYC)
897	Von Willebrand Factor (vWF)
898	Von Willebrand Factor A Domain Containing Protein 1 (vWA1)
899	Von Willebrand Factor Cleaving Protease (VWFPC)
900	V-Rel Reticuloendotheliosis Viral Oncogene Homolog A (RELA)
901	WAP Four Disulfide Core Domain Protein 1 (WFDC1)
902	Wingless Type MMTV Integration Site Family, Member 5A (WNT5A)
903	Xeroderma Pigmentosum, Complementation Group C (XPC)