

**Supplementary Table S1: List of measured analytes using multiplex immunoassay**

Analyte name	Accession Number	Uniprot ID	Gene name
Angiotensin-converting enzyme (ACE)	P09470	ACE_MOUSE	Ace Dcp1
Adiponectin	Q60994	ADIPO_MOUSE	Adipoq
Angiotensinogen	P11859	ANGT_MOUSE	Agt
Serum amyloid P-component (SAP)	P12246	SAMP_MOUSE	Apcs Ptx2 Sap
Apolipoprotein A-I	Q00623	APOA1_MOUSE	Apoa1
Complement C3	P01027	CO3_MOUSE	C3
Eotaxin (C-C motif chemokine 11)	P48298	CCL11_MOUSE	Ccl11 Scya11
C-C motif chemokine 12 (MCP-5)	Q62401	CCL12_MOUSE	Ccl12 Mcp5
C-C motif chemokine 19	O70460	CCL19_MOUSE	Ccl19 Elc Scya19
C-C motif chemokine 2 (MCP-1)	P10148	CCL2_MOUSE	Ccl2 Je Mcp1
CC chemokine DC/B-CK (Chemokine (C-C motif) ligand 22)	Q54656	Q54656_MOUSE	Ccl22 DCBCK
C-C motif chemokine 3 (MIP-1-alpha)	P10855	CCL3_MOUSE	Ccl3 Mip1a Scya3
C-C motif chemokine 4 (MIP-1-beta)	P14097	CCL4_MOUSE	Ccl4 Mip1b Scya4
C-C motif chemokine 5 (T-cell-specific protein RANTES)	P30882	CCL5_MOUSE	Ccl5 Scya5
C-C motif chemokine 7 (MCP-3)	Q03366	CCL7_MOUSE	Ccl7 Fic Mcp3
C-C motif chemokine 9	P51670	CCL9_MOUSE	Ccl9, Mrp2, Scya10, Scya9
Tumor necrosis factor receptor superfamily member 5	P27512	TNR5_MOUSE	Cd40 Tnfrsf5
CD40 ligand	P27548	CD40L_MOUSE	Cd40lg Cd40l
C-reactive protein	P14847	CRP_MOUSE	Crp Ptx1
Macrophage colony-stimulating factor 1 (CSF-1)	P07141	CSF1_MOUSE	Csf1 Csfm
C-X-C motif chemokine 2 (MIP2)	P10889	CXCL2_MOUSE	Cxcl2 Mip-2 Mip2
Endothelin-1 (ET-1)	P22387	EDN1_MOUSE	Edn1
Epidermal growth factor	P01132	EGF_MOUSE	Egf
Tissue factor (TF)	P20352	TF_MOUSE	F3 Cf-3 Cf3
Coagulation factor VII	P70375	FA7_MOUSE	F7 Cf7
Fibrinogen, alpha polypeptide (Protein Fga)	Q99K47	Q99K47_MOUSE	Fga
Fibroblast growth factor 2 (FGF-2)	P15655	FGF2_MOUSE	Fgf2 Fgf-2
Glucagon	P55095	GLUC_MOUSE	Gcg
Somatotropin (Growth hormone)	P06880	SOMA_MOUSE	Gh1 Gh
Aspartate aminotransferase, cytoplasmic (cAspAT)	P05201	AATC_MOUSE	Got1
Haptoglobin	Q61646	HPT_MOUSE	Hp
Interferon gamma (IFN-gamma)	P01580	IFNG_MOUSE	Ifng
Immunoglobulin A (IGA)	NA	NA	IgA
Insulin-like growth factor I (IGF-I)	P05017	IGF1_MOUSE	Igf1 Igf-1
Interleukin-18 (IL-18)	P70380	IL18_MOUSE	Il18 Igif
Interleukin-1 alpha (IL-1 alpha)	P01582	IL1A_MOUSE	Il1a
Interleukin-2 (IL-2)	P04351	IL2_MOUSE	Il2 Il-2
Interleukin 5 IL 5	P00441	IL5_MOUSE	Il5
Kit ligand (Stem cell factor)	P20826	SCF_MOUSE	Kitlg Kitl Mgf Sl Sif
Leukemia inhibitory factor (LIF)	P09056	LIF_MOUSE	Lif
Myoglobin	P04247	MYG_MOUSE	Mb

Matrix metalloproteinase-9 (MMP-9)	P41245	MMP9_MOUSE	Mmp9 Clg4b
Myeloperoxidase (MPO)	P11247	PERM_MOUSE	Mpo
Luteinizing Hormone	NA	NA	NA
Granulocyte Chemotactic protein 2	NA	CXCL6_MOUSE	NA
Testesteron	NA	NA	NA
Cortisol	NA	NA	NA
Progesterone	NA	NA	NA
Adrenocorticotropic hormone (ACTH)	P01193	COLI_MOUSE	Pomc Pomc2
Prolactin (PRL)	P06879	PRL_MOUSE	Prl
Resistin	Q99P87	RETN_MOUSE	Retn, Fizz3
Plasminogen activator inhibitor 1 (PAI)	P22777	PAI1_MOUSE	Serpine1 Mr1 Pai1
Thrombopoietin (C-mpl ligand)	P40226	TPO_MOUSE	Thpo
Metalloproteinase inhibitor 1 (TIMP-1)	P12032	TIMP1_MOUSE	Timp1 Timp-1
Vascular cell adhesion protein 1 (V-CAM 1)	P29533	VCAM1_MOUSE	Vcam1 Vcam-1
Vascular endothelial growth factor A (VEGF-A)_MOUSE	Q00731	VEGFA_MOUSE	Vegfa Vegf
von Willebrand factor (vWF)	Q8CIZ8	VWF_MOUSE	Vwf
Lymphotactin (C motif chemokine 1)	P47993	XCL1_MOUSE	Xcl1 Lptn Ltn