

Sandwich ELISAs

Unique targets for innovative research



2400 TARGETS
15 SPECIES
1 MANUFACTURER



Over 2,400 kits available

Pre-coated 96-well strip plates

Validated on serum, plasma and media

Manufactured in the U.S.A.

Over 2,000 publications

Risk-free guarantee



SPECIES COVERED:

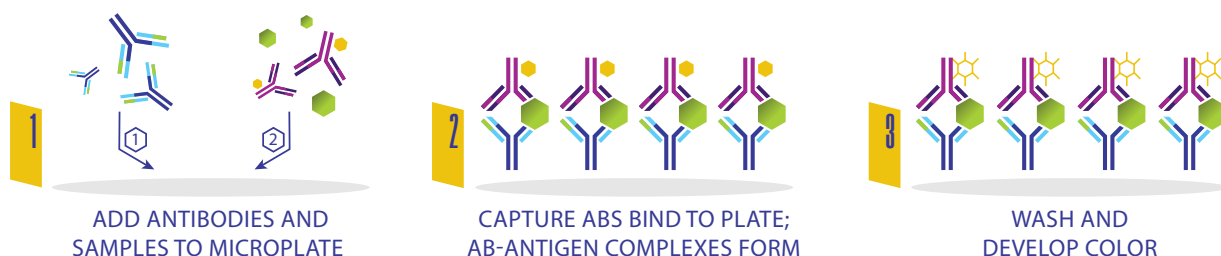
Human, mouse, rat, pig, cow, dog, cat, horse, rhesus macaque, rabbit, chicken, dolphin, zebrafish, sigmodon, and sheep

SpeedELISA

Need quantitative detection in less time?

The RayBio® *SpeedELISA* is a sandwich ELISA featuring a compressed workflow that allows full processing in only 3 hours. Over 160 kits currently available including human, mouse, and rat targets.

Learn more and browse here: www.raybiotech.com/speedelisa-kits



custom ELISA

RayBiotech has a vast library of array-validated antibody pairs you can take advantage of, even if they aren't currently developed on the 96-well platform. Any antibody pair can be developed into a finished ELISA kit by placing an order for a "custom ELISA." After a 5-7 week development phase, the final kit will have passed our ELISA quality control tests and be added to our stock kit inventory. The development phase only needs to occur once. If the ELISA fails development, the customer will not be charged anything.

Need a custom kit for a target we don't have a pair to? Need 384-well format? Chemiluminescence-based detection? We can do it!

Immunoassay development is RayBiotech's specialty. Let us tailor an ELISA to your specifications, from antibodies to the final kit. Contact techsupport@raybiotech.com for more information and a quote.

services

Send Us Your Samples, We'll Send You Results

RayBiotech offers full testing services in our GLP-compliant laboratory for all sandwich ELISA kits. Receive reports with data of the highest accuracy and reproducibility. Visit www.raybiotech.com/elisa-testing-service/ for more details.

bioNova científica, s.l. • Tel.: 915 515 403 • Fax: 914 334 545 • e-mail: info@bionova.es • www.bionova.es

how it works



Why RayBiotech ELISAs?

Made here. By us. For you.

RayBiotech is the primary manufacturer of validated ELISA kits, not a reseller. This means not only can we offer you the best price but also prompt and effective product support.

Commitment to Quality

Our mission is to provide you with reliable assays and reagents, period. Every kit we produce is validated, subjected to a battery of rigorous product-specific quality control tests, and manufactured in compliance with GMP and ISO 13485 standards.

Expertise and Experience

Creating a consistent and reliable ELISA is no easy task. Immunoassays are the core expertise and the focus of our large team of experienced R&D scientists. They meticulously test and optimize antibodies, antigens and buffer systems to develop high-performing ELISAs and corresponding antibody arrays. Their dedicated, collaborative efforts have given us the largest selection of fully validated ELISA kits on the market, with over 2000 unique citations in the scientific literature.

We Support You

If you have questions, concerns or feedback, we're here to help. Our team of technical support specialists are fully qualified and trained on every product line and receive consistently high service ratings. Whether you need to troubleshoot your data or want some advice on how to best design your study, we can provide free consultative services to help you achieve success in your research. Reach out by phone email, or live chat today!

We Appreciate You

RayBiotech's customer reward program includes valuable discounts and incentives for purchases, publications and product reviews. It's our way of letting you know we value you and your research efforts.

Risk-free Guarantee

We understand the risk of trying a new assay with no guarantee of success. That's why our ELISA kits are covered by a 100% guarantee – so that you can evaluate one of our kits with no risks, no worries. If you encounter a problem using one of our ELISA kits and our technical support team cannot satisfactorily resolve it, we will issue you a replacement, credit or refund.

1



MICROPLATE PRE-COATED
WITH CAPTURE ANTIBODY

2



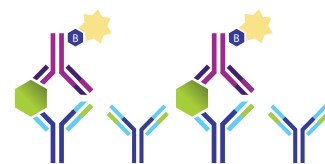
ADD SAMPLE OR STANDARD

3



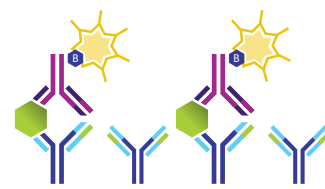
ADD BIOTIN-LABELED
DETECTION ANTIBODY

4



ADD HRP-CONJUGATED
STREPTAVIDIN

5



ADD COLORIMETRIC
SUBSTRATE



Specific capture antibodies are coated onto a 96-well plate. Standards and samples are pipetted into the wells; the target protein in the standards and samples binds to the immobilized antibody. The wells are washed and the biotin-labeled detection antibody is then added. After washing away the unbound biotinylated antibodies, HRP-conjugated streptavidin is pipetted to the wells, followed by a colorimetric substrate solution.

#

15-PGDH
2B4
4-1BB
4-1BB Ligand
6Ckine

A

Activin A
Activin C
ADA
ADAM-12
ADAM-9
ADAMTS-4
Adiponectin
Adipsin
aFGF
Aggrecan
AgRP
Albumin
ALCAM
ALDH1A1
ALK-6
Alkaline Phosphatase
Alpha-2 Macroglobulin
Alpha-fetoprotein
AMICA
AmiGO2
Aminopeptidase LRAP
Aminopeptidase N
Aminopeptidase P1
Amnionless
Amphiregulin
Amyloid beta 1-40
Angiogenin
Angiopoietin-1
Angiopoietin-2
Angiopoietin-4
Angiostatin
Angiotensinogen
ANGPTL3
ANGPTL4
ANGPTL7
Annexin A1
ApoA1
ApoA2
ApoB
ApoB100
ApoC1
ApoC2
ApoC3
ApoE
ApoE2
ApoE3
ApoE4
ApoH
Arginase 1
Artemin
AXL

B

B7-H1
B7-H2
BACE-1
BCAM
bcl-w
BCMA
BDNF
beta IG-H3
Beta-2 Microglobulin
Betacellulin
beta-NGF
bFGF
Biglycan
BLC
BMP-15
BMP-2
BMP-4
BMP-5

BMP-6
BMP-7
BMP-8
BMP-9
BMPR-II
BNP
Brevican

C

C1q R1
C1qTNF1
C1qTNF5
C1qTNF9
C1R
C1S
C3a
C4c
C5a
CA125
CA13
CA15-3
CA19-9
CA9
Cadherin-11
Cadherin-13
Calcitonin
Calreticulin
Carboxylesterase 1
Carboxylesterase 2
Carboxypeptidase A1
Carboxypeptidase B1
Carboxypeptidase B2
Cardiac Troponin I
Cardiotrophin-1
Carnosine Dipeptidase-1
Caspase-3
Caspase-7
Cathepsin C
Cathepsin D
Cathepsin L
Cathepsin S
CCL28
CD14
CD155
CD163
CD177
CD200
CD229
CD23
CD26
CD27 Ligand
CD30
CD30 Ligand
CD34
CD35
CD36
CD38
CD4
CD40
CD40 Ligand
CD42b
CD51
CD59
CD69
CD74
CD80
CD86
CD99
CDNF
CEA
CEACAM-1
Cerberus 1
CFHR1
CFHR5
Chemerin
CHI3L1
Chitotriosidase
Chordin-Like-1
CHST4
cIAP-1
cIAP-2

CILP-1
CK-MB
CLEC-2
Clusterin
c-Myc
CNTF
CNTF R alpha
Coagulation Factor III
Coagulation Factor VII
Coagulation Factor XI
Coagulation Factor XIV
COCO
Complement Factor H
Complement MASP3
Contactin-1
Corneodesmosin
COX-2
C-Peptide
CRELD2
CRIM1
Crlk
CRP
CRTAC1
CRTAM
CTACK
CXCL14
CXCL16
CXCL17
Cyclophilin A
Cyr61
Cystatin C
Cystatin D
Cystatin SN
Cytokeratin 18
Cytokeratin 19
Cytokeratin 8

D

DAN
DCBLD2
DcR3
DC-SIGNR
D-Dimer
Decorin
Dectin-1
Desmin
Desmocollin-3
Desmoglein-1
Desmoglein-2
DKK-1
DKK-3
DKK-4
DLEC
DLL1
DIMP-1
DNAM-1
DPPII
Draxin
DSCAM-L1
Dtk

E

ECM-1
EDA-A2
EGF
EGFR
EGR1
EG-VEGF
ENA-78
Endoglin
Endostatin
Endothelin-1
eNOS
EN-RAGE
Eotaxin-1
Eotaxin-2
Eotaxin-3
EphA2
ErbB2
ErbB3

ErbB4
Erythropoietin
Erythropoietin R
ESAM
E-Selectin

F

FABP2
FABP3
FABP4
FABP5
FABP6
FABP8
FAP
Fas
Fas Ligand
Fc gamma RIIB/C
FCRL3
FCRL5
FCRL6
Ferrostatin
Fetuin A
Fetuin B
FGF-12
FGF-16
FGF-17
FGF-19
FGF-20
FGF-21
FGF-23
FGF-4
FGF-5
FGF-6
FGF-7
FGF-9
Fibronectin
Ficolin-2
FKBP51
FLRG
FLRT2
Flt-3
Flt-3 Ligand
Follistatin
FOLR1
FOLR3
Fractalkine
FSH
Furin

G

Galectin-1
Galectin-3
Galectin-7
Galectin-8
Galectin-9
GAPHD
Gas 1
Gas 6
GASP-1
GATA-1
GCP-2
GCSF
GCSF R
GDF-11
GDF-15
GDF-8
GDNF
GFR alpha-3
Ghrelin
GITR
GITR Ligand
GLI-3
GLP-1
Glucagon
Glypican 1
Glypican 3
GM-CSF
GM-CSF R alpha
GOLM1
gp130
GPR56

GPV
Granzyme A
Granzyme B
GRO alpha
GRO alpha/beta/gamma
Growth Hormone
Growth Hormone R
GSTM1
GSTP1

H

HAI-1
HAI-2
HB-EGF
HCC-1
HCC-4
hCG beta
hCG intact
Hemoglobin
Hemopexin
Hepassocin
Hepsin
HEXA
HGF
HGFR
HIF-1 alpha
HPRG
HSP27
HSP60
HSP70
HTRA2
HVEM

I

IDO
IDUA
IDUA
IFN-alpha
IFN-alpha/beta R2
IFN-gamma
IFN-gamma R1
IGF-1
IGF-1 R
IGF-2 R
IGFBP-1
IGFBP-2
IGFBP-3
IGFBP-4
IGFBP-5
IGFBP-6
IGFBP-rp1
IgG
IgG1
IL-1 alpha
IL-1 beta
IL-1 R1
IL-1 R2
IL-1 R4
IL-1 R6
IL-1 Ra
IL-10
IL-10 R alpha
IL-10 R beta
IL-11
IL-12 p40
IL-12 p70
IL-13
IL-13 R alpha 1
IL-13 R alpha 2
IL-15
IL-15 R alpha
IL-16
IL-17 RA
IL-17 RC
IL-17A
IL-17B
IL-17E
IL-17F
IL-18
IL-18 BP alpha
IL-18 R alpha

IL-18 R beta
IL-2
IL-2 R alpha
IL-2 R beta
IL-20
IL-21
IL-21 R
IL-22
IL-22 R alpha 1
IL-22BP
IL-23
IL-23 R
IL-24
IL-26
IL-27
IL-28A
IL-29
IL-3
IL-31
IL-32 alpha
IL-33
IL-34
IL-36 alpha
IL-36 gamma
IL-36 Ra
IL-37
IL-4
I-309
ICAM-1
ICAM-3
ICOS
IL-5
IL-5 R alpha
IL-6
IL-6 R
IL-7
IL-7 R alpha
IL-8
IL-9

Imporin alpha 2
Inhibin A
Insulin
Integrin alpha-2
Integrin alpha-M
IP-10
Islet-1
ITAC

J

Jagged 1
JAM-A
JAM-B
JAM-C

K

Kallikrein 10
Kallikrein 14
Kallikrein 6
Kininogen
KIRREL3
Kynureninase

L

L1CAM
Lactoferrin
LAG-3
LAIR1
Laminin alpha 4
LAMP1
LAMP2
LBP
LDL R
Lefty-A
Legumain
Leptin
LIF
LIGHT
LILRB4
LIMP2

Lipocalin-2
Livin
LOX-1
Lp-PLA2
LRG1
L-Selectin
LTA4H
Lumican
Luteinizing hormone
Lymphotactin
LYVE-1

M

MAGP-2
MAPT
Marapsin
Matrilin-2
Matrilin-3
Matritase
MBL
MCAM
MCP-1
MCP-2
MCP-3
MCP-4
M-CSF
MD-2
MDC
Mer
Mesothelin
METAP2
MFG-E8
MICA
MICB
Midkine
MIF
MIG
MIP-1 alpha
MIP-1 beta
MIP-1 delta
MIP-3 alpha
MIP-3 beta
MMP-1
MMP-10
MMP-12
MMP-13
MMP-2
MMP-3
MMP-7
MMP-8
MMP-9
MMR
MPIF-1
MSP alpha/beta
Myoglobin

N

NAP-2
NCAM-1
Nectin-2
NELL1
Neprilysin
Nesfatin-1
Nestin
Neurocan
Neuropilin-2
NG2
NGFR
Nidogen-1
Nidogen-2
NMNAT-1
Nogo-A
Norrin
Notch-1
Notch-3
NOV
NPYR
Nr-CAM
NRF2
NRG1-alpha



NRG1-beta 1
NT-3
NT-4
NTB-A

O
OCT-4
Omgp
Oncostatin M
Osteoactivin
Osteocalcin
Osteopontin
Osteoprotegerin
OX40
OX40 Ligand

P
PAI-1
Pancreatic Polypeptide
PAPP-A
PAR1
PARC
Park7
P-Cadherin
PCNA
PCPE-1
PCSK1
PD-1
PD-ECGF
PDGF R alpha
PDGF R beta
PDGF-AA
PDGF-AB
PDGF-BB
PDGF-C

PECAM-1
Pentraxin-3
Pepsinogen 1
Pepsinogen 2
Periostin
PGRP-S
PLA2G2A
Plasminogen
Platelet Factor 4
Pleiotrophin
Plexin B2
PLGF
PLUNC
PNP
Podoplanin
PON1
PP14
PPA1
Pref-1
Presenilin 1
Presenilin 2
Pro-BNP
Procalcitonin
Pro-Cathepsin B
Progranulin
Proprotein Convertase 9
Prostasin
PSA-free
PSA-total
P-Selectin
PTH1R
PYY

R
RAGE
RANK

RANTES
RBP4
Reg1B
Renin
Resistin
Ret
ROBO3
ROBO4
ROR1
R-Spondin 2

S
S100 A1
S100 A11
S100 A2
S100 A6
S100 A7
S100 A8
S100 P
SAA
SCF
SDF-1 alpha
SDF-1 beta
Semaphorin 4D
Semaphorin 6A
Semaphorin 6B
Semaphorin 6D
Semaphorin 7A
SERPIN A1
Serpins A3
SERPIN A4
Serpins A5
Serpins B3
SERPIN D1
SERPIN F1
SERPIN F2

SERPIN G1
sFRP-1
sFRP-3
SHBG
ShhN
SIGIRR
Siglec-3
Siglec-5
Siglec-6
Siglec-7
Siglec-9
SIRP-gamma
Sirtuin 1
Sirtuin 3
SLAM
SMAC
SMAD4
SMPD1
SOD1
Sortilin
SOST
SOX17
SOX9
SP-D
SREC-1
ST6GAL1
ST8SIA2
Syndecan-1
Syndecan-3
Syndecan-4

T
TACE
TAC1
TAF42
TARC

TECK
Tenascin C
Tenascin R
TFF3
TFPI
Tfr
TGF alpha
TGF beta 1
TGF beta 2
TGF beta R2
TGF beta R3
Thioredoxin-1
Thrombopoietin
Thrombospondin-1
Thrombospondin-4
Thyroglobulin
Thyroid Peroxidase
Tie-1
Tie-2
TIGIT
TIM-1
TIM-3
TIM-4
TIMP-1
TIMP-2
TIMP-3
TIMP-4
TLR2
TLR4
TNF alpha
TNF beta
TNF RI
TNF RII
TRACP
TRAIL
TRAIL R2
TRAIL R3

TRAIL R4
Transferrin
Transglutaminase 2
Transglutaminase 3
Trappin-2
TREM-1
TREM-2
Tripeptidyl-peptidase I
TrkA
TROP1
Troponin C
Troponin I
Troponin T
TROY
Trypsin 2
Trypsin Pan
Trypsin beta-2
TSG-6
TSH
TSLP
TWEAK

U
Ubiquitin+1
UCH-L1
ULBP-1
ULBP-2
ULBP-3
uPA
uPAR
Uromodulin

V
VCAM-1
VEGF-A

VEGF-B
VEGF-C
VEGF-D
VEGFR1
VEGFR2
VEGFR3
Visfatin
Vitronectin
VSI4
VWF
vWF-A2

W
WIF-1
WISP-1
Wnt-4

X
XIAP

Y
YY1

Z
ZAG
p53

other species

BOVINE

aFGF
bFGF
Decorin
Fibronectin
IFN-alpha
IFN-gamma
IGF-1
IL-1 alpha
IL-13
IL-17A
IL-2
IL-21
IL-4
Insulin
IP-10
MCP-1
MIG
TNF alpha
VEGF-A

CANINE

Cystatin C
Galectin-3
GRO alpha
HGF
IFN-gamma
IL-1 beta

IL-10
IL-12 p40
IL-2
IL-6
IL-8
MCP-1
MMP-8
PDGF-BB
RAGE
Resistin
SCF
TIMP-2
TNF alpha
VEGF-A

CHICKEN

Caronte
GDF-8
IFN alpha
IFN-gamma
IL-1 Ra
IL-10
IL-12 p40
IL-16
IL-17F
IL-2
IL-21
IL-22

IL-4
IL-6
IL-8
MIP-1 beta
MIP-3 alpha
Netrin-2
Pentraxin-3
RANTES

DOLPHIN

IFN-gamma
IL-1 alpha
IL-1 beta
IL-1 Ra
IL-13
IL-17A
IL-2
IL-4
IL-6
IL-8
IL-10
LIF
TNF alpha

EQUINE

IFN-gamma
IL-1 alpha
IL-1 Ra

IL-10
IL-2
MCP-1
MMP-9
PDGF-BB
Resistin
TIMP-2
VEGF-A

FELINE

IFN-gamma
IL-1 beta
IL-10
IL-12 p40
IL-2
IL-4
IL-8
PDGF-BB
RANTES

OVINE

IP-10
VEGF-A

PORCINE

Angiopoietin-1
Decorin

FGF-19
GM-CSF
IFN-alpha
IFN-gamma
IL-1 beta
IL-12 p70
IL-13
IL-17A
IL-18
IL-22
IL-4
IL-6
IL-8
Insulin
IP-10
MCP-1
MIF
MIG
MIP-1 beta
Osteoprotegerin
PDGF-BB
RANTES
TIMP-2
TNF alpha
VEGF-A

IFN-gamma
IL-1 beta
IL-17A
IL-2
IL-21
IL-4
IL-8
Leptin
MIP-1 beta
MMP-9
PDGF-BB

RHESUS MACAQUE

Adiponectin
Angiopoietin-2
BLC
Cathepsin S
CD14
EGF
Flt-3 Ligand
Galectin-1
Galectin-3
GASP-1
GDF-15
IFN-gamma
IGF-2
IGFBP-3

RABBIT

Angiopoietin-1

IL-1 beta
IL-12 p70
IL-13
IL-15
IL-6
IL-6 R
IL-8
IP-10
MCP-1
PAI-1
Platelet Factor 4
TIMP-1
TNF alpha

SIGMODON

IFN-gamma

ZEBRAFISH

BMP-2a
Ephrin-B2
IL-13
IL-17a/f1
IL-4
IL-6
Interferon, gamma 1-1
Tie-2
VEGF-A

mouse targets



#
4-1BB
6Ckine

A
ACE
ADAMTS-1
Adiponectin
aFGF
ALK-1
Amphiregulin
ANGPTL3
AXL

B
BAFF R
BCL-W
beta IG-H3
beta-NGF
bFGF
BID
BLC
BMP-7
BMP-9

C
CSa
Cardiotrophin-1
CCL6
CD26
CD27
CD30
CD30 Ligand
CD36

CD40
CD40 Ligand
CD80
Chordin
Coagulation Factor III
CRG-2
CRP
CTACK
CTLA-4
CXCL16
Cystatin C

D
DAN
Decorin
DKK-1
DLL4
Dtk

E
E-Cadherin
EGF
EGFR
Endocan
Endoglin
Endostatin
Eotaxin-1
Eotaxin-2
Epigen
Epregulin
Erythropoietin
E-Selectin

F
FAS

Fas Ligand
Fc gamma RIIB
Fetuin A
FGF-7
Flt-3 Ligand
Fractalkine

G
Galectin-1
Galectin-3
Galectin-7
Gas 6
GCSF
GITR Ligand
GM-CSF
gp130
Granzyme B
Gremlin-1

H
H60
HAI-1
HGF
HGFR

I
I-309
ICAM-1
IFN-gamma
IFN-gamma R1
IgA
IgE
IGF-1
IGF-2
IGFBP-2

IGFBP-3
IGFBP-5
IGFBP-6
IgG1
IgG2a
IgG2b
IgM
IL-1 alpha
IL-1 beta
IL-1 Ra
IL-10
IL-11
IL-12 p40/p70
IL-13
IL-15
IL-17 RB
IL-17A
IL-17B
IL-17E
IL-18
IL-2
IL-2 R alpha
IL-20
IL-21
IL-22
IL-23 p19
IL-28A/B
IL-3
IL-33
IL-4
IL-5
IL-6
IL-6 R
IL-7
IL-9
Insulin
I-TAC

J
JAM-A

K
KC

L
Leptin
Leptin R
Limitin
Lipocalin-2
LIX
L-Selectin
Lungkine
Lymphotactin

M
MCP-1
MCP-5
M-CSF
MDC
MFG-E8
MIG
MIP-1 alpha
MIP-1 beta
MIP-1 gamma
MIP-2
MIP-3 alpha
MIP-3 beta
MMP-2
MMP-3
Myeloperoxidase

N
Neprilysin

O
Osteoactivin
Osteopontin
Osteoprotegerin
OX40 Ligand

P
PAI-1
PDGF-AA
PDGF-BB
Pentraxin-3
Periostin
Platelet Factor 4
PLGF-2
PRDC
Progranulin
Prolactin
Pro-MMP-9
P-Selectin

R
RAGE
RANTES
Renin 1
Resistin

S
SCF
SDF-1 alpha
sFRP-3

ShhN
SLAM

T
TARC
TCK-1
TECK
Thrombospondin
Thrombospondin-2
TIM-1
TIMP-1
TIMP-2
TNF alpha
TNF RI
TRAIL
TRANSE
TREM-1
TROY
Tryptase epsilon
TSLP
TWEAK
TWEAK R

V
VCAM-1
VEGF-A
VEGF-B
VEGFR1
VEGFR2
VEGFR3

rat targets



A
Activin A
Adiponectin
Agrin
Angiotensin-1

B
bcl-w
BDNF
beta-NGF
bFGF

C
CD80
CINC-1
CINC-2
Clusterin

CNTF
CRP
Cystatin C

D
Decorin

E
EGF
Erythropoietin
E-Selectin

F
Fas
Fas Ligand
FGF-BP
Fractalkine

G
Galectin-1
Galectin-3
Gas 1
GDNF
GM-CSF
Growth Hormone R

H
HGF

I
ICAM-1
IFN-gamma
IGF-1
IGFBP-5

IL-1 alpha
IL-1 beta
IL-1 Ra
IL-10
IL-13
IL-17F
IL-18
IL-2
IL-22
IL-23
IL-4
IL-6
IL-7
Insulin

J
Jagged 1

L
Leptin
Lipocalin-2
LIX
L-Selectin

M
MAG
MCP-1
MIP-1 alpha
MIP-2
MMP-2
MMP-8

N
Neuropilin-2

O
Osteopontin

P
p53
P-Cadherin
PDGF-AA
PDGF-BB
Prolactin
Prolactin R
P-Selectin

R
RAGE
RANTES
Renin 1

S
SCF

T
TCK-1
TIM-1
TIMP-1
TIMP-2
TNF alpha
TNF RI
TWEAK R

V
VEGF-A
VEGFR1