

US VIRN Swine Toolkit Commercial Reagent Listing

This listing (updated 5/11) includes commercially available reagents for swine immune studies, with emphasis on recombinant cytokines, chemokines and other immune proteins and monoclonal antibodies (mAb) reactive with them and their cell surface receptors.

If you have any additions for this Table or suggestions of priority molecules for the US VIRN Toolkit efforts please send them to joan.lunney@ars.usda.gov. Thanks!

USE KEY	Primary Application
AP	Affinity Purification
B/N	Blocking/Neutralize
CD	Cell Depletion
Cytoset	Full Elisa kit
DB	Dot Blots
E (c,d)	ELISA (capture,direct)
ELISA	Full kit
EMSA	Gel Shift
FC	Flow Cytometry
FA	Functional Assay
IF	Immunofluorescence
IHC (F,P,R)	Immunohistochemistry (Frozen, Paraffin, Resin)
IP	Immunoprecipitation
L	Luminex assay kit
mAb	monoclonal antibodies
pAb	polyclonal antibodies
R	Recombinant cytokine
WB	Western Blot

SOURCE	Short Name	URL
AbD Serotec	AbD Serotec	http://www.abdserotec.com/catalog/
Affymetrix Procarta Panomics	Procarta	http://www.panomics.com
Antigenix America	Antigenix	http://www.antigenix.com/
ATCC American Type Culture Collec	ATCC	http://www.atcc.org/
Aushon BioSystems	Aushon	http://www.aushon.com/Menu.php
BD Bioscience/Pharmingen	BD	http://www.bdbiosciences.com/home/
Beckman Coulter	Beckman	http://www.beckmancoulter.com/wsrportal/wsr/research-and-discovery/products-and-services/flow-cytometry/antibodies-to-anti-porcine-antigens/index.htm
Bethyl Laboratory Inc.	Bethyl	http://www.bethyl.com/
Cell Sciences	Cell Science	http://www.cellsciences.com/content/p-prodlist.asp?search=global
Fitzgerald/Research Diagnostics	Fitzgerald	http://www.fitzgerald-fii.com/
Invitrogen/BioSource	Invitrogen	http://www.invitrogen.com/site/us/en/home/brands/BioSource.html?CID=fl-biosource
Kingfisher Biotech, Inc	Kingfisher	http://www.kingfisherbiotech.com/
Millipore	Millipore	http://www.millipore.com/catalogue/index.do
PBL Interferon Source	PBL	http://www.interferonsource.com/
Pierce/Endogen	Thermo	http://www.piercenet.com
Prospecbio (Israel)	Prospec	http://www.prospecbio.com/
R&D Systems	R&D	http://www.rndsystems.com/
Southern Biotech	S. Biotech	http://www.southernbiotech.com/
Thermo Scientific/Pierce/Endogen	Thermo	http://www.thermoscientific.com http://www.piercenet.com
Tridelta Development Ltd (Ireland)	Tridelta	http://www.trideltald.com/vkinemain.html
VMRD, Inc.	VMRD	http://www.vmr.com/products/antibodies/
US Veterinary Immune Reagents Net	VIRN	www.vetimm.org
DGIL Porcine Immunology and Nutri	PIN db	http://www.ars.usda.gov/Services/docs.htm?docid=6065

Swine Cytokine and Chemokine Reagents

Reagent Source/ Reagent Target	SOURCE	REAGENT	mAb#	EXPRESSION VECTOR	USES
CCL2 (MCP-1)	Kingfisher	R		<i>P. pastoris</i>	R
CCL2 (MCP-1)	Kingfisher	pAb			E, WB
CCL2 (MCP-1)	Kingfisher	ELISA			E
CCL20 (LARC)	Kingfisher	R		<i>P. pastoris</i>	R
CCL3L1 (LD78)	Kingfisher	R		<i>P. pastoris</i>	R
CCL3L1 (LD78)	Kingfisher	pAb			WB
CCL4 (MIP-1 β)	Kingfisher	R		<i>P. pastoris</i>	R
CCL5 (RANTES)	Kingfisher	R		<i>P. pastoris</i>	R
CCL28	R&D	mAb			WB
CXCL10 (IP-10)	Kingfisher	R		<i>P. pastoris</i>	R
CXCL10 (IP-10)	Kingfisher	pAb			WB
CXCL11 (I-TAC)	Kingfisher	R		<i>P. pastoris</i>	R
GM-CSF	AbD Serotec	R			R
GM-CSF	Invitrogen	R		<i>E. coli</i>	R
GM-CSF	Prospecbio	R		<i>E. coli</i>	R
GM-CSF	R&D	R		<i>E.coli</i>	R
GM-CSF	R&D	mAb	111802		B/N, WB, E
GM-CSF	R&D	pAb			B/N, WB, E
IFN- α	AbD Serotec	mAb	G16		WB, E, FC
IFN- α	Antigenix America	R			R
IFN- α	Antigenix America	pAb			
IFN- α	Cell Science	mAb	F17		WB, E, IHC, IP
IFN- α	Cell Science	mAb	K9		WB, E, IHC, IP
IFN- α	Kingfisher	R		<i>P. pastoris</i>	R
IFN- α	Kingfisher	pAb			
IFN- α	PBL Biomed	R			R
IFN- α	PBL Biomed	mAb	F17		WB, E, IHC, IP
IFN- α	PBL Biomed	mAb	K9		WB, E, IHC, IP
IFN- α	PBL Biomed	pAb			WB, E, IHC, IP
IFN- α	Pierce	R		<i>P. pastoris</i>	R
IFN- α	Pierce	mAb	F17		WB, E, IHC, IP
IFN- α	Pierce	mAb	K9		WB, E, IHC, IP
IFN- α	Pierce	pAb			WB, E, IHC, IP
IFN- α	R&D	mAb	F17		WB, E, IHC, IP
IFN- α	R&D	mAb	K9		WB, E, IHC, IP
IFN- β	Kingfisher	R		<i>P. pastoris</i>	R
IFN- β	PBL Biomed	pAb			WB, E, IP, IHC
IFN- γ	AbD Serotec	R	6477	<i>E. coli</i>	E
IFN- γ	AbD Serotec	mAb	A151D-13C5		E
IFN- γ	AbD Serotec	mAb	A151D-5B8		E
IFN- γ	AbD Serotec	mAb	CC302		E, FC
IFN- γ	AbD Serotec	pAb			WB
IFN- γ	Antigenix America	mAb	47		
IFN- γ	Antigenix America	pAb			
IFN- γ	Aushon	Searchlight ELISA			E
IFN- γ	BD	mAb	P2G10		Ec, FC
IFN- γ	BD	mAb	P2C11		Ed
IFN- γ	Cell Science	R		<i>E. coli</i>	R
IFN- γ	Fitzgerald	mAb	P2G10		
IFN- γ	Fitzgerald	ELISA Kit			E
IFN- γ	Invitrogen	R		<i>E. coli</i>	R
IFN- γ	Invitrogen	mAb	A151D5B8		E
IFN- γ	Invitrogen	mAb	A151D13C5		E

IFN- γ	Invitrogen	pAb			WB, DB
IFN- γ	Invitrogen	Cytosets			E
IFN- γ	Invitrogen	ELISA			E
IFN- γ	Kingfisher	R		<i>P. pastoris</i>	R
IFN- γ	Kingfisher	pAb			WB, E
IFN- γ	Kingfisher	ELISA			E
IFN- γ	Millipore	pAb	AB10624		DB, WB
IFN- γ	Pierce	R		<i>P. pastoris</i>	R
IFN- γ	Pierce	mAb	P2C11		E
IFN- γ	Pierce	mAb	P2F6		WB
IFN- γ	Pierce	pAb			WB
IFN- γ	Procarta	Luminex			L
IFN- γ	PBL Biomed	mAb	17107-1		
IFN- γ	R&D	mAb	154002		B/N
IFN- γ	R&D	mAb	154007		FC
IFN- γ	R&D	pAb			B/N, IHC, WB
IFN- γ	R&D	ELISpot Kit			FA
IFN- γ	R&D	ELISA			E
IFN- γ	Tridelta	ELISA			E
IL-1 α	AbD Serotec	pAb			WB,E
IL-1 α	AbD Serotec	R		<i>E. coli</i>	R
IL-1 α	Invitrogen	pAb			WB
IL-1 α	Invitrogen	R		<i>E. coli</i>	R
IL-1 α	Millipore	pAb	AB10625		WB
IL-1 α	Prospecbio	R		<i>E. coli</i>	R
IL-1 α	Prospecbio	R		<i>E. coli</i>	R
IL-1 α	R&D	mAb	85733		WB
IL-1 α	R&D	pAb			B/N, WB
IL-1 α	R&D	pAb			WB
IL-1 β	AbD Serotec	mAb	DF8		WB
IL-1 β	AbD Serotec	R		<i>E. coli</i>	WB
IL-1 β	Aushon	Searchlight ELISA			E
IL-1 β	BD	mAb	4B2.1		Ec
IL-1 β	BD	mAb	6E8.10.4		WB,Ed,FC
IL-1 β	Fitzgerald	ELISA			E
IL-1 β	Invitrogen	ELISA			E
IL-1 β	Invitrogen	pAb			WB
IL-1 β	Invitrogen	R		<i>E. coli</i>	R
IL-1 β	Kingfisher	R		<i>P. pastoris</i>	R
IL-1 β	Millipore	pAB	AB10626		WB
IL-1 β	Pierce	mAb	DF8		WB
IL-1 β	Pierce	pAb			E
IL-1 β	Procarta	Luminex			L
IL-1 β	Prospecbio	R		<i>E. coli</i>	R
IL-1 β	R&D	mAb	77720		B/N, WB
IL-1 β	R&D	mAb	77724		B/N, WB, Ec
IL-1 β	R&D	pAb			B/N, WB
IL-1 β	R&D	pAb			Ed, WB
IL-1 β	R&D	R		<i>E. coli</i>	R
IL-1 β	Tridelta	ELISA			E
IL-1ra	R&D	mAb	114801		WB,E
IL-1ra	R&D	pAb			WB,E,IH
IL-1ra	R&D	R		<i>E. coli</i>	R
IL-2	AbD Serotec	mAb	A150D-3F1		E
IL-2	AbD Serotec	mAb	A150D-8H10		E
IL-2	AbD Serotec	pAb			WB
IL-2	AbD Serotec	R		<i>E. coli</i>	R
IL-2	Aushon	Searchlight ELISA			E

IL-2	Invitrogen	Cytosets			E
IL-2	Invitrogen	mAb	A150D8H10		E
IL-2	Invitrogen	mAb	A150D3F1		E
IL-2	Invitrogen	pAb			WB,DB
IL-2	Invitrogen	R		<i>E. coli</i>	R
IL-2	Pierce	pAb			WB
IL-2	Prospecbio	R		<i>E. coli</i>	R
IL-2	R&D	mAb	100321		WB
IL-2	R&D	mAb	100312		FC
IL-2	R&D	R		<i>E.coli</i>	R
IL-2	R&D	pAb			IHC, WB
IL-2	R&D	pAb			B/N, IHC, WB
IL-2	Tridelta	ELISA			E
IL-2	R&D	R		<i>E. coli</i>	R
IL-4	AbD Serotec	R		<i>E. coli</i>	R
IL-4	AbD Serotec	mAb	CC303		E, FC
IL-4	AbD Serotec	pAb			WB
IL-4	Aushon	Searchlight ELISA			E
IL-4	Invitrogen	R		<i>E. coli</i>	R
IL-4	Invitrogen	mAb	A155B-15C6		E
IL-4	Invitrogen	mAb	A155B-16F2		E
IL-4	Invitrogen	pAb			WB,DB
IL-4	Invitrogen	Cytosets			E
IL-4	Invitrogen	ELISA			E
IL-4	Kingfisher	R		<i>P. pastoris</i>	R
IL-4	Millipore	pAb	AB10623		DB, WB
IL-4	Tridelta	ELISA			E
IL-4	Procarta	Luminex			L
IL-4	Prospecbio	R	CYT-398	<i>E. coli</i>	R
IL-4	R&D	R		<i>E. coli</i>	R
IL-4	R&D	mAb	286120		B/N, WB
IL-4	R&D	mAb	99605		
IL-4	R&D	mAb	99613		WB, E
IL-4	R&D	pAb			WB, Ec, IHC
IL-4	R&D	ELISA			E
IL-4	Pierce	R		<i>P. pastoris</i>	R
IL-5	R&D	pAb			
IL-5	Thermo	mAb	TRFK4		E, WB
IL-6	AbD Serotec	R		<i>E. coli</i>	R
IL-6	AbD Serotec	mAb	24D12		WB
IL-6	AbD Serotec	pAb			WB
IL-6	Aushon	Searchlight ELISA			E
IL-6	Invitrogen	R		<i>E. coli</i>	R
IL-6	Invitrogen	pAb			WB
IL-6	Kingfisher	R		<i>P. pastoris</i>	R
IL-6	Procarta	Luminex			L
IL-6	R&D	R		<i>E. coli</i>	R
IL-6	R&D	mAb	77830		WB,E,IH
IL-6	R&D	mAb	90613		
IL-6	R&D	pAb			WB, Ec
IL-6	R&D	ELISA			E
IL-6	Pierce	R		<i>P. pastoris</i>	R
IL-6	Pierce	mAb	24D12		WB
IL-6	Pierce	pAb			WB
IL-8/CXCL-8	AbD Serotec	R		<i>E. coli</i>	R
IL-8/CXCL-8	AbD Serotec	mAb	8M6		E,FC,WB
IL-8/CXCL-8	AbD Serotec	pAb			WB

IL-8/CXCL8	AbD AbD Serotec	pAb			WB
IL-8/CXCL-8	Aushon	Searchlight ELISA			E
IL-8/CXCL-8	Cell Science	R		<i>E. coli</i>	R
IL-8/CXCL-8	Fitzgerald	ELISA			E
IL-8/CXCL-8	Invitrogen	R		<i>E. coli</i>	R
IL-8/CXCL-8	Invitrogen	ELISA			E
IL-8/CXCL-8	Kingfisher	R		<i>P. pastoris</i>	R
IL-8/CXCL-8	Kingfisher	pAb			WB, E
IL-8/CXCL-8	Kingfisher	ELISA			E
IL-8/CXCL-8	Pierce	R			R
IL-8/CXCL-8	Pierce	mAb	NB8		WB
IL-8/CXCL-8	Pierce	pAb			WB
IL-8/CXCL8	Procarta	Luminex			L
IL-8/CXCL8	Prospecbio	R	CHM-340	<i>E. coli</i>	R
IL-8/CXCL-8	R&D	R		<i>E. coli</i>	R
IL-8/CXCL-8	R&D	mAb	105105		WB, Ec, B/ N
IL-8/CXCL-8	R&D	mAb	105115		B/N, WB
IL-8/CXCL-8	R&D	pAb			Ed, WB
IL-8/CXCL-8	R&D	ELISA			E
IL-8/CXCL-8	Thermo	mAb	8M6		E, FC, WB
IL-8/CXCL8	Tridelta	ELISA			E
IL-8/NAP-1	Invitrogen	pAb			WB
IL-10	AbD Serotec	R		<i>E. coli</i>	R
IL-10	AbD Serotec	mAb	945A 1A29 26C2		E
IL-10	AbD Serotec	mAb	945A 4C4 37B1		E
IL-10	Aushon	Searchlight ELISA			E
IL-10	Fitzgerald	ELISA			E
IL-10	Invitrogen	R		<i>E. coli</i>	R
IL-10	Invitrogen	mAb	945A4C4		E
IL-10	Invitrogen	mAb	945A1A926C2		E
IL-10	Invitrogen	Cytosets			E
IL-10	Invitrogen	ELISA			E
IL-10	Kingfisher	R		<i>P. pastoris</i>	R
IL-10	Procarta	Luminex			L
IL-10	Prospecbio	R		<i>E. coli</i>	R
IL-10	R&D	R		<i>E. coli</i>	R
IL-10	R&D	mAb	148801		B/N, Ec
IL-10	R&D	mAb	148806		WB
IL-10	R&D	mAb	262715		IHC
IL-10	R&D	pAb			Ed, IHC, WB
IL-10	R&D	ELISA kit			E
IL-10	Tridelta	ELISA			E
IL-12p70	AbD Serotec	R		<i>P. pastoris</i>	R
IL-12	AbD Serotec	mAb	G9.2		WB
IL-12	AbD Serotec	pAb			WB
IL-12	Aushon	Searchlight ELISA			E
IL-12	R&D	pAb			B/N, WB
IL-12	R&D	pAb		<i>CHO</i>	WB
IL-12p35	R&D	mAb	116219		FC, WB
IL-12/IL-23p40	R&D	mAb	116211		Ed
IL-12/IL-23p40	R&D	mAb	116224		Ec
IL-12/IL-23p40	R&D	mAb	116237		WB
IL-12	R&D	pAb			WB,E
IL-12	R&D	Quantikine			E
IL-12/IL-23p40	R&D	Quantikine			E
IL-12	Thermo	mAb	G9.2		
IL-12	Thermo	pAb			WB
IL-13	Kingfisher	R		<i>P. pastoris</i>	R

IL-13	Kingfisher	pAb			WB, E
IL-13	Kingfisher	ELISA			WB, E
IL-15	AbD Serotec	R		<i>E. coli</i>	R
IL-15	Invitrogen	R		<i>E. coli</i>	R
IL-15	Kingfisher	R		<i>P. pastoris</i>	R
IL-17	Thermo	pAb			E, IHC, WB
IL-17A	Kingfisher	R		<i>P. pastoris</i>	R
IL-17A	Kingfisher	pAb			WB, E
IL-17A	Kingfisher	ELISA			E
IL-17F	Kingfisher	R		<i>P. pastoris</i>	R
IL-18	AbD Serotec	mAb	5-C-5		E
IL-18	AbD Serotec	mAb	7-G-8		WB,E
IL-18	Invitrogen	ELISA			E
IL-18	R&D	R		<i>E. coli</i>	R
IL-18	R&D	pAb			IHC, WB
IL-22	Kingfisher	R		<i>P. pastoris</i>	R
TGF- β 1	BD	mAb	A75-2		Ec, WB
TGF- β 1	BD	mAb	A75-3		Ed
TGF- β 1	Invitrogen	Cytosets			E
TGF- β 1	Procarta	Luminex			L
TGF- β 1	R&D	R		<i>porcine platelets</i>	R
TGF- β 1	R&D	mAb	141322		WB, E
TGF- β 1	R&D	ELISA			E
TGF- β 1,2	R&D	pAb			WB, E
TGF- β 2	R&D	R		<i>porcine platelets</i>	R
TGF- β 2	R&D	mAb	8607		WB, Ec, IHC
TGF- β 2	R&D	pAb			WB, E
TGF- β 3	R&D	mAb	20724		WB
TGF- β 3	R&D	mAb	44922		WB
TGF- β 3	R&D	pAb			WB, E, IHC
TNF- α	AbD Serotec	R		<i>E. coli</i>	R
TNF- α	AbD Serotec	mAb	4-F-4		E, FA
TNF- α	AbD Serotec	mAb	6E10		WB,E, FA
TNF- α	Aushon	Searchlight ELISA			E
TNF- α	Fitzgerald	ELISA			E
TNF- α	Invitrogen	R		<i>E. coli</i>	R
TNF- α	Invitrogen	Cytoset			E
TNF- α	Invitrogen	ELISA			E
TNF- α	Kingfisher	R		<i>P. pastoris</i>	R
TNF- α	Procarta	Luminex			L
TNF- α	Prospecbio	R	CYT-405	<i>E. coli</i>	R
TNF- α	R&D	R		<i>E. coli</i>	R
TNF- α	R&D	mAb	103302		
TNF- α	R&D	mAb	103304		Ec
TNF- α	R&D	mAb	103314		WB, E
TNF- α	R&D	mAb	77938		WB, E
TNF- α	R&D	pAb			WB, E, IHC
TNF- α	R&D	ELISA			E
TNF- α	Thermo	mAb	6E10		WB, E, FA
TNF- α	Thermo	mAb	4F4		
TNF- α	Tridelta	ELISA			E

Antibodies to Swine Cell Surface Proteins

Commerical Source/ Cell Antigen	Add Serotec	Antigenix America	ATCC	BD	Beckman Coulter	Fitzgerald	R&D Systems	Southern Biotech	Thermo	VMRD
CD1			76-7-4			76-7-4		76-7-4		76-7-4
CD2										MSA4, PG168A
CD2a	MAC83	MAC80							MAC83	
CD3		rat Anti-Pig CD3								
CD3e	CD3-12			BB23-8E6 -8C8	BB23-8E6	PPT3, BB23-8E6		PPT3, BB23-8E6		2B3C, 8E6, 8C8
CD4/CD4a	MIL17	MIL17	74-12-4	74-12-4		74-12-4		74-12-4	MIL17	IL-A11, 74-12-4, PT90A
CD5	1H6/8									9G12, PG114A
CD6	MIL8					MIL8				PG90A
CD8		MIL-12								
CD8a	MIL-12		76-2-11	76-2-11	76-2-11	76-2-11		76-2-11	MIL-12	76-2-11. PT81B, PT36B, PG164A
CD8b				295/33-25						
CD9									72F6, MM2/57	
CD10									MEM-78	
CD11a	BL1H8									MUC76A
CD11b		3E10								
CD11d									CA16.3D3	
CD11R1	MIL4									
CD11R3	2F4/11									
CD14	TÜK4, MIL-2	MIL2			322A-1 (MY-4)	MIL-2			MA1-82693	CAM36A
CD16	G7	G7		FcG7					MEM-168, G7	
CD18				6.7,					CA1.4E9	BAQ30A
CD18a	PNK-I								PNK-1	
CD20									MEM-97	
CD21				B-ly4	BB6-11C9.6	BB6-11C9.6		BB6-11C9.6	LT21	BB6-11C9
CD24Like										MUC106A
CD25	K231.3B2	anti-CD25							1H6/8	PGBL25A
CD29				NaM160-1A3						FW4-101
CD31	LCI-4, LCI-9	CI4		TLD-3A12			3387-PC-050, MAB3387		LCI-4, LCI-9	
CD32									AT10	
CD34							AF3890			
CD44	MAC329			IM7		MAC329			MAC329, MEM-263	PORC24A, BAG40A, BAT31A
CD44H				MAC329						
CD45	K252-1E4	1E4	74-9-3	2A5		K252-1E4, MAC323				74-9-3A1
CD45	MAC323 *									
CD45RA	MIL13	anti-CD45RA		3C3/9					MIL13	PG96A, PG97A, PGB78A, PG167A
CD45RC	MIL15, MIL5			3a56					MIL15	
CD46	JM6C11, 6D8/8			JM6C11					6D8/8	
CD47	BRIC126								BRIC 126, MEM-122	TH17A
CD49b				AK-7						
CD49d	HP2/1								HP2/1	FW3-218
CD49e				VC5						
CD49f	NKI-GoH3			GoH3					NKI-GoH3	
CD54	15.2									
CD59									MEM-129	
CD61	JM2E5	2E5								
CD62E/P	1.2B6	1.2B6								
CD62L				MECA-79						
CD75s	LN-1									
CD79b	AT107-2									
CD80				16-10A1						
CD90				5E10						

CD95				DX2						
CD105				5605-EN-025					MEM-226, MEM229	
CD106		G11B1								
CD107a	4E9/11									
CD117	2B8/BM									
CD144	I23									
CD147									MEM-M6/2	
CD152				BNI3						
CD163	2A100/11									
CD169	3B1/11									
CD172 (SWC3)	BL1H7		74-22-15	74-22-15A	74-22-15					74-22-15, 74-22-15A, DH59B
CD203a	PM 18-7								PM 18-7	
CD235a				IAC11						
CD284									HTA125	
Ki-67				B56						
MHC/SLA class I	JM1E3		74-11-10	1E3		JM1E3			2G5	74-11-10; PT85, H17A#
MHC/SLA class II										MSA3, TH21A, H42A
MHC/SLA class II DQ	K274.3G8	3G8							K274.3G8, SPV-L3, HL-37	BAQ150A, TH22A5
MHC/SLA class II DR	2E9/13			1053h2-18-1, 1F12					HL-38, HL-40	
SWC1a	K263.3D7								K263.3D7	
SWC3a => see CD172										
SWC6	MAC320								MAC320	
SWC7	2F6/8									
SWC8	MIL3									
SWC9 => CD203a										
General Cell	Markers									
B-Cells								BB6-10A10		BB6-10A10
Granulocytes (Neutrophil lineage)	6D10									
TCR delta										PGBL22A, 86D, PT79A
γδ T Cells				MAC320						PG92A, PG74C1 GB45A
WC1-N26 Pan Leuk.										
WC1 Bovine	CC101		CC15							
Macrophages	BA4D5								MAC387, PM-2K	
Monocyte/ Granulocyte	2B2			74-22-15A				74-22-15		
Endothelial cells									KG7/30, MIL11	
Commerical Source	AbD Serotec	Antigenix America	ATCC	BD Pharmingen	Beckman Coulter	Fitzgerald	R&D Systems	Southern Biotech	Thermo	VMRD

Antibodies to Swine Proteins, Immunoglobulins (Igs)

Reagent Source/ Reagent target	AbD Serotec	Antigenix America	ATCC	BD Bioscience	Bethyl labs	Cell Science	Fitzgerald	Invitrogen	Millipore	Prospecbio	R&D Systems	Southern Biotech	Thermo Scientific	VMRD
Adiponectin, HEK derived (Acrp30)										CYT-696				
Albumin					A100-110									
Alzheimer Precursor Protein A4									MAB348					
Aminocyclase-1										ENZ-296				
Amyloid														
Arrestin													PDS-1	
CRP = C-reactive Protein											MAB1707, 232026,			
CdK4									MAB8879					
Collagen Type I, III						pAb								
Collagen Type V									MAB3393					
Connexin 43									MAB3067				4E6.2	
Cytokeratin 5/8				RCK102										
Cytokeratin 7				RCK105									C-46	
Cytokeratin 14									MAB3232					
Cytokeratin pan													AE1/AE3	
Desmin									MAB3430					
Dihydrodiol Dehydrogenase													T101	
Enterokinase										ENZ-267				
Fibrillin									MAB1919					
GAD65				GAD-6					AG230					
Galanin														
GFAP				1B4, 2E1, 4A11										
Growth hormone									PGH-46HK	CYT-519				PS8.3
Haptoglobin														
Ig isotypes					BL ^p							pAb		
Ig light chain	K1393E1	K139												
IgA	K60 1F1,				pAb		41R-IG004						CDA2-42,	
IgG	K139 3C8, K68Ig2			F007-1241	pAb		43R-IG161, 41R-IG009, 41R-IG008, 65C-CH1402	LO-MG-7, LO-MG-1-2, LO-MG3-11				6050-(01- 08)	K139 3C8, K68 Ig2	
IgM	K521C3		5C9	F008-1629, F008-2005	pAb								K52 1C3, CM7	PG145A
Insulin										CYT-468				PY-10104
Kallikrein-1										ENZ-293				
Keratan Sulfate									MAB2022					
Ki-67				B56										
Leptin										CYT-503				
Myosin													MY-32	
P/Neurkinin		n/a							AB1977					
Neurofilament, Light chain													pAb	
Neuron-Specific Nuclear Protein									IHCR1001-6					
Parvalbumin									MAB1572					
PDGF											125-PD-005			
pHGF = Hepatocyte promoting Growth Factor										CYT-522				
Receptor for 1,25- dihydroxy vitamin D3			XVI E6E6G1 0											
Sinacalide										HOR-274				
TGF-β2											102-B2-001			
Thrombin										PRO-617				
Transferrin					pAb									
Trypsin						native								
Tubulin													TU-08, TU-20	
VEGF C										CYT-284, CYT-262			VG76e	
Vimentin	V9	V9						180052					V9, RV203	
Vitronectin						native								
Reagent Source	AbD Serotec	Antigenix America	ATCC	BD Bioscience	Bethyl labs	cell Science	Fitzgerald	Invitrogen	Millipore	Prospecbio	R&D Systems	Southern Biotech	Thermo Scientific	VMRD