

Swine Cytokine and Chemokine Reagents Updated 6/05/09					
Antibody Source	SOURCE	REAGENT	mAb#	EXPRESSION VECTOR	USES
CXCL10	Kingfisher Biotech, Inc.	R		<i>P. pastoris</i>	
CXCL11	Kingfisher Biotech, Inc.	R		<i>P. pastoris</i>	
GM-CSF	Biosource	R		<i>E. coli</i>	
GM-CSF	R&D Systems	mAb	111802		WB,E
GM-CSF	R&D Systems	pAb			WB,E
GM-CSF	Serotec	R			
GM-CSF	R&D Systems	R		<i>E. coli</i>	
IFN-a	Antigenix America	n/a			
IFN-a	Antigenix America	pAb			
IFN-a	Antigenix America	R			
IFN-a	Endogen	mAb	K9		WB,E,IH,IP
IFN-a	Endogen	mAb	F17		WB,E,IH,IP
IFN-a	Endogen	pAb			WB,E,IH,IP
IFN-a	Endogen	R		<i>E. coli</i>	
IFN-a	PBL Biomed	mAb	K9		WB, E, IP, IHC
IFN-a	PBL Biomed	mAb	F17		WB, E, IP, IHC
IFN-a	PBL Biomed	pAb			WB, E, IP, IHC
IFN-a	PBL Biomed	R			
IFN-a	R&D Systems	mAb	F17		WB,E,IH,IP
IFN-a	R&D Systems	mAb	K9		WB,E,IH,IP
IFN-a	R&D Systems	pAb			WB,E,IH,IP
IFN-a	R&D Systems	R		<i>E. coli</i>	
IFN-a	Serotec	mAb	G16		WB,E
IFN-b	PBL Biomed	pAb			WB, E, IP, IHC
IFN-g	Antigenix America	mAb	47		
IFN-g	Antigenix America	pAb			
IFN-g	Tridelta	ELISA			
IFN-g	Biosource	Cytosets			
IFN-g	Biosource	ELISA			
IFN-g	Biosource	mAb	A151D5B8		E
IFN-g	Biosource	mAb	A151D13C5		E
IFN-g	Biosource	pAb			WB, DB
IFN-g	Biosource	R		<i>E. coli</i>	
IFN-g	Endogen	mAb	P2C11		E
IFN-g	Endogen	mAb	P2F6		WB
IFN-g	Endogen	pAb			WB
IFN-g	Endogen	R		<i>E. coli</i>	
IFN-g	Endogen	Searchlight ELISA			
IFN-g	Millipore	pAb	AB10624		DB, WB
IFN-g	PBL Biomed	mAb	G47		WB, E, IP, IHC
IFN-g	PBL Biomed	mAb	C5		WB, E, IP, IHC
IFN-g	PBL Biomed	pAb			WB, E, IP, IHC
IFN-g	BD Pharmingen	mAb	P2G10		Ec,FC
IFN-g	BD Pharmingen	mAb	P2C11		Ed
IFN-g	R&D Systems	mAb	154007		
IFN-g	R&D Systems	pAb			WB,Ed
IFN-g	R&D Systems	R		<i>E. coli</i>	
IFN-g	Res Diag	ELISA			
IFN-g	Res Diag	mAb	P2G10		no details-web
IFN-g	Serotec	mAb	A151D-13C5		E
IFN-g	Serotec	mAb	A151D-5B8		E
IFN-g	Serotec	pAb			WB
IFN-g	Serotec	R		<i>E. coli</i>	
IFN-g	Serotec	mAb	CC302		E,FC
IL-1a	Biosource	pAb			WB
IL-1a	Biosource	R		<i>E. coli</i>	
IL-1a	Millipore	pAb	AB10625		WB
IL-1a	R&D Systems	mAb	85733		WB,E
IL-1a	R&D Systems	pAb			WB,E
IL-1a	R&D Systems	R		<i>E. coli</i>	

IL-1a	Serotec	pAb			WB,E
IL-1a	Serotec	R		<i>E. coli</i>	
IL-1b	Biosource	ELISA			
IL-1b	Biosource	pAb			WB
IL-1b	Biosource	R		<i>E. coli</i>	
IL-1b	Endogen	mAb	DF8		WB
IL-1b	Endogen	pAb			WB
IL-1b	Endogen	Searchlight ELISA			
IL-1b	Millipore	pAb	AB10626		WB
IL-1b	Pharmingen	mAb	4B2.1		Ec
IL-1b	Pharmingen	mAb	6E8.10.4		WB,Ed,FC
IL-1b	R&D Systems	mAb	77720		WB,E
IL-1b	R&D Systems	mAb	77724		WB,Ec
IL-1b	R&D Systems	pAb			WB,E
IL-1b	Res Diag	ELISA			
γδ T Cells	Serotec	mAb	DF8		WB
IL-1b	Serotec	pAb			
IL-1b	Serotec	R		<i>E. coli</i>	WB
IL-1b	Tridelta	ELISA			
IL-1b	R&D Systems	R		<i>E. coli</i>	
IL-1ra	R&D Systems	mAb	114801		WB,E
IL-1ra	R&D Systems	pAb			WB,E,IH
IL-1ra	R&D Systems	R		<i>E. coli</i>	
IL2	Antigenix America	n/a			
IL-2	Biosource	Cytosets			
IL-2	Biosource	mAb	A150D8H10		E
IL-2	Biosource	mAb	A150D3F1		E
IL-2	Biosource	pAb			WB,DB
IL-2	Biosource	R		<i>E. coli</i>	
IL-2	Endogen	Searchlight ELISA			
IL-2	Pharmingen	mAb	6.6.1.1		Ec
IL-2	Pharmingen	mAb	6.2.1.1		Ed
IL-2	R&D Systems	mAb	100321		WB,E
IL-2	R&D Systems	mAb	100312		
IL-2	R&D Systems	pAb			WB,E,IH
IL-2	Serotec	mAb	A150D-3F1		E
IL-2	Serotec	mAb	A150D-8H10		E
IL-2	Serotec	pAb			WB
IL-2	Serotec	R		<i>E. coli</i>	
IL-2	Tridelta	ELISA			
IL-2	R&D Systems	R		<i>E. coli</i>	
IL4	Antigenix America	n/a			
IL-4	Biosource	Cytosets			
IL-4	Biosource	ELISA			
IL-4	Biosource	mAb	A155B-15C6		E
IL-4	Biosource	mAb	A155B-16F2		E
IL-4	Biosource	pAb			WB,DB
IL-4	Biosource	R		<i>E. coli</i>	
IL-4	Endogen	R		<i>P. pastoris</i>	
IL-4	Endogen	Searchlight ELISA			
IL-4	Millipore	pAb	AB10623		DB, WB
IL-4	R&D Systems	ELISA			
IL-4	R&D Systems	mAb	286120		WB, Inhibit
IL-4	R&D Systems	mAb	99605		
IL-4	R&D Systems	mAb	99613		WB,E
IL-4	R&D Systems	pAb			WB,Ec,IH
IL-4	Serotec	mAb	CC303		E,FC
IL-4	Serotec	pAb			WB
IL-4	Serotec	R		<i>E. coli</i>	
IL-4	Tridelta	ELISA			
IL-4	R&D Systems	R		<i>E. coli</i>	
IL-5	R&D Systems	pAb			
IL6	Antigenix America	n/a			
IL-6	Biosource	pAb			WB
IL-6	Biosource	R		<i>E. coli</i>	

IL-6	Endogen	mAb	24D12		WB
IL-6	Endogen	pAb			WB
IL-6	Endogen	R		<i>P. pastoris</i>	
IL-6	Endogen	Searchlight ELISA			
IL-6	R&D Systems	ELISA			
IL-6	R&D Systems	mAb	77830		WB,E,IH
IL-6	R&D Systems	mAb	90613		
IL-6	R&D Systems	pAb			WB,Ec
IL-6	Serotec	mAb	24D12		WB
IL-6	Serotec	pAb			WB
IL-6	Serotec	R		<i>E. coli</i>	
IL-6	R&D Systems	R		<i>E. coli</i>	
IL8	Antigenix America	n/a			
IL-8	Tridelta	ELISA			
IL-8	Tridelta	ELISA			
IL-8/CXCL-8	Biosource	ELISA			
IL-8/CXCL-8	Biosource	R		<i>E. coli</i>	
IL-8/CXCL-8	Endogen	mAb	NB8		WB
IL-8/CXCL-8	Endogen	pAb			WB
IL-8/CXCL-8	Endogen	R			
IL-8/CXCL-8	Endogen	Searchlight ELISA			
IL-8/CXCL-8	R&D Systems	ELISA			
IL-8/CXCL-8	R&D Systems	mAb	105105		WB,Ec, Ed, NA
IL-8/CXCL-8	R&D Systems	pAb			WB,E
IL-8/CXCL-8	R&D Systems	R		<i>E. coli</i>	
IL-8/CXCL-8	Res Diag	ELISA			
IL-8/CXCL-8	Serotec	mAb	8M6		E,FC,WB
IL-8/CXCL-8	Serotec	pAb			WB
IL-8/CXCL-8	Serotec	R		<i>E. coli</i>	
IL-8/NAP-1	Biosource	pAb			WB
IL10	Antigenix America	n/a			
IL-10	Biosource	Cytosets			
IL-10	Biosource	ELISA			
IL-10	Biosource	mAb	945A4C4		E
IL-10	Biosource	mAb	945A1A926C2		E
IL-10	Biosource	R		<i>E. coli</i>	
IL-10	Endogen	Searchlight ELISA			
IL-10	R&D Systems	ELISA			
IL-10	R&D Systems	mAb	148801		Ec
IL-10	R&D Systems	mAb	148806		WB,Ed
IL-10	R&D Systems	mAb	262715		WB,Ed,IH
IL-10	R&D Systems	pAb			WB,E,IH
IL-10	Res Diag	ELISA			
IL-10	Serotec	mAb	945A 1A29 26C2		E
IL-10	Serotec	mAb	945A 4C4 37B1		E
IL-10	Serotec	R		<i>E. coli</i>	
IL-10	Tridelta	ELISA			
IL-10	R&D Systems	R		<i>E. coli</i>	
IL-12	Endogen	mAb	G9.2		
IL-12	Endogen	pAb			WB
IL-12	Endogen	Searchlight ELISA			
IL-12	R&D Systems	pAb			WB,E
IL-12	R&D Systems	Quantikine			
IL-12	Serotec	mAb	G9.2		WB
IL-12	Serotec	pAb			WB
IL-12	R&D Systems	ELISA			
IL-12	R&D Systems	R		<i>CHO</i>	
L-12/IL-23p4	R&D Systems	mAb	116211		Ed
L-12/IL-23p4	R&D Systems	mAb	116224		WB,Ec
L-12/IL-23p4	R&D Systems	mAb	116237		WB,Ed
L-12/IL-23p4	R&D Systems	Quantikine			
IL-12p35	R&D Systems	mAb	116219		WB,E
IL-12p40	Endogen	mAb	B4		WB
IL-12p40	Endogen	R		<i>P. pastoris</i>	
IL-12p70	Endogen	mAb			WB

IL-12p70	Endogen	R		<i>P. pastoris</i>	
IL-12p70	Serotec	R		<i>P. pastoris</i>	
IL-13	Kingfisher Biotech, Inc.	R		<i>P. pastoris</i>	
IL-15	Biosource	R		<i>E. coli</i>	
IL-15	Serotec	R		<i>E. coli</i>	
IL18	Antigenix America	n/a			
IL-18	Biosource	ELISA			
IL-18	Serotec	mAb	5C5		WB,E
IL-18	Serotec	mAb	7G8		WB,E
IL-18	R&D Systems	pAb			WB,Ed,IH
IL-18	R&D Systems	R		<i>E. coli</i>	
TGF-b1	Biosource	Cytosets			
TGF-b1	PharMingen	mAb	A75-2		Ec,WB
TGF-b1	PharMingen	mAb	A75-3		Ed
TGF-b1	R&D Systems	ELISA			
TGF-b1	R&D Systems	mAb	141322		WB,E
TGF-b1	R&D Systems	R		<i>porcine platelets</i>	
TGF-b1.2	R&D Systems	pAb			WB,E
TGF-b2	R&D Systems	mAb	8607		WB,Ec,IH
TGF-b2	R&D Systems	pAb			WB,E
TGF-b2	R&D Systems	R		<i>porcine platelets</i>	
TGF-b3	R&D Systems	mAb	20724		WB
TGF-b3	R&D Systems	mAb	44922		WB
TGF-b3	R&D Systems	pAb			WB,E,IH
TNF-a	Biosource	Cytosets			
TNF-a	Biosource	ELISA			
TNF-a	Biosource	R		<i>E. coli</i>	
TNF-a	Endogen	mAb	6E10		WB,E
TNF-a	Endogen	mAb	4F4		
TNF-a	Endogen	R		<i>P. pastoris</i>	
TNF-a	Endogen	Screening Set			
TNF-a	Endogen	Searchlight ELISA			
TNF-a	R&D Systems	ELISA			
TNF-a	R&D Systems	mAb	103302		
TNF-a	R&D Systems	mAb	103304		Ec
TNF-a	R&D Systems	mAb	103314		WB,E
TNF-a	R&D Systems	mAb	77938		WB,E
TNF-a	R&D Systems	pAb			WB,E,IH
TNF-a	R&D Systems	R		<i>E. coli</i>	
TNF-a	Res Diag	ELISA			
TNF-a	Serotec	mAb	4F4		E
TNF-a	Serotec	mAb	6E10		WB,E
TNF-a	Serotec	R		<i>E. coli</i>	
TNF-a	Tridelta	ELISA			
IFNG	Serotec	Bovine cross reactive with pigs	CC302		
IL4	Serotec	Bovine cross reactive with pigs	CC303		
IL8	Serotec	Bovine cross reactive with pigs	8M6		

Antibody Source	Antigenix America	ATCC	BD Pharmingen	Bethyl labs	Biosource	Invitrogen	Millipore	R&D Systems	Research Diagnostics Inc	Southern Biotech	Tridelta	VMRD
Albumin				pAb								
Alzheimer Precursor Protein A4							MAB348-100UL					
Amyloid											Tridelta	
C-reactive Protein								232026			Tridelta	
CdK4							MAB8879					
Collagen Type V							MAB3393					
Connexin 43							MAB3067					
Cytokeratin 5/8			RCK102									
Cytokeratin 7			RCK105									
Cytokeratin 14							MAB3232					
Desmin							MAB3430					
Fibrillin							MAB1919					
GAD65			GAD-6				AG230					
Galanin												
GFAP			1B4, 2E1, 4A11									
Growth hormone												PS8.3
Haptoglobin											Tridelta	
Ig isotypes				BLP		LO-MG1-2				pAb		
Ig light chain	K139											
IgA				pAb *								
IgG			F007-1241	pAb	mAb	LO-MG-7, LO-MG-1-2, LO-MG3-						
IgM		5C9	F008-1629, F008-2005	pAb								PG45A, PG145A
Keratan Sulfate							MAB2022					
Ki-67			B56						BL4H2			
P/Neurkinin	n/a						AB1977					
Neuron-Specific Nuclear Protein							IHCR1001-6					
Parvalbumin							MAB1572					
Transferrin				pAb								
Vimentin	V9											
Receptor for 1,25-dihydroxy vitamin D3			XVI E6E6G10									
Antibody Source	Antigenix America	ATCC	BD Pharmingen	Bethyl labs	Biosource	Invitrogen	Millipore	R&D Systems	Research Diagnostics Inc	Southern Biotech	Tridelta	VMRD

Antibody Source	Antigenix America	ATCC	BD Phrmingen					R&D Systems	Research Diagnostics Inc	Serotec	Southern Biotech		VMRD
MHC/SLA class I		74-11-10	1E3						JM1E3	JM1E3			74-11-10; PT85
MHC/SLA class II													MSA3, TH21A, H42A
MHC/SLA class II DQ	3G8		BD						BL4H2; SPV-L3 (human clone), K274_3G8	Serotec			BAQ150A, TH22A5
SLA class II DR			1053h2-18-1, 1F12						1053h2-18-1	2E9/13			
SWC1a										K263.3D			
SWC3a => see CD172													
SWC6										MAC320			
SWC7										2F6/8			
SWC8										MIL3			
SWC9 = CD203a										PM 18-7			
Ki-67			B56						BL4H2				
TCR1δ													PGBL22A, 86D, PT79A
γδ T Cells			MAC320										PG92A, PG74C1, GB45A
WC1-N26 Pan Leuk.													
WC1 Bovine B-Cells		CC15								CC101			BB6-10A10
Endothelial cells									MIL-11				
Antibody Source	Antigenix America	ATCC	BD Phrmingen					R&D Systems	Research Diagnostics Inc	Serotec	Southern Biotech		VMRD
<b>Notes</b>													
n/a = No Data Sheet													
pAb * = polyclonal													
<b>Websites for Swine Reagents Updated 6/09</b>													
SOURCE				Short Name	URL								
Antigenix America				Antigenix	<a href="http://www.antigenix.com/">http://www.antigenix.com/</a>								
American Type Culture Collection (ATCC)				ATCC	<a href="http://www.atcc.org/">http://www.atcc.org/</a>								
BDBioscience/Pharmingen				Pharmingen	<a href="http://www.bdbiosciences.com/home/">http://www.bdbiosciences.com/home/</a>								
Bethyl Laboratory Inc.				Bethyl	<a href="http://www.bethyl.com/">http://www.bethyl.com/</a>								
Fitzgerald/Research Diagnostics				Res Diag	<a href="http://www.fitzgerald-fii.com/">http://www.fitzgerald-fii.com/</a>								
Invitrogen/BioSource				Invitrogen	<a href="http://www.invitrogen.com/site/us/en/home/brands/BioSource.html?CID=fl-biosource">http://www.invitrogen.com/site/us/en/home/brands/BioSource.html?CID=fl-biosource</a>								
Millipore				Millipore	<a href="http://www.millipore.com/catalogue/index.do">http://www.millipore.com/catalogue/index.do</a>								
PBL Interferon Source				PBL	<a href="http://www.interferonsource.com/">http://www.interferonsource.com/</a>								
R&D Systems				R&D	<a href="http://www.rndsystems.com/">http://www.rndsystems.com/</a>								
Serotec/AbDSerotec				Serotec	<a href="http://www.abdserotec.com/catalog/product-table-VETERINARY.html">http://www.abdserotec.com/catalog/product-table-VETERINARY.html</a>								
Southern Biotech				S. Biotech	<a href="http://www.southernbiotech.com/">http://www.southernbiotech.com/</a>								
Thermo Scientific/Pierce/Endogen				Endogen	<a href="http://www.piercenet.com/products/browse.cfm?fldID=BD0EF065-AD36-4337-B36B-A8000058840E">http://www.piercenet.com/products/browse.cfm?fldID=BD0EF065-AD36-4337-B36B-A8000058840E</a>								
VMRD, Inc.				VMRD	<a href="http://www.vmr.com/products/antibodies/">http://www.vmr.com/products/antibodies/</a>								
DGIL Porcine Immunology and Nutrition (PIN) database					<a href="http://www.ars.usda.gov/Services/docs.htm?docid=6065">http://www.ars.usda.gov/Services/docs.htm?docid=6065</a>								
Porcine Immunology Resources Homepage					<a href="http://www.vetschool.bris.ac.uk/research/infectimmun/pig_immunology/">http://www.vetschool.bris.ac.uk/research/infectimmun/pig_immunology/</a>								