

EXHIBIT A - PRODUCT LIST

ANTIGENS				ANTIGENS			
Full name	Catalog No	Antigen	Source	Full name	Catalog No	Antigen	Source
Recombinant antigen p24 for HIV	RAG0057	p24	<i>E. coli</i>	Recombinant antigen gp40 for FIV	RAG0066	gp40	<i>E. coli</i>
Recombinant biotinylated antigen p24 for HIV	RAG0057BIOT	p24-biot	<i>P. pastoris</i>	Recombinant antigen p27 for Feline Leukemia Virus (FeLV)	RAG0078	p27	<i>E. coli</i>
Recombinant antigen p44 for <i>Anaplasma phagocytophilum</i>	RAG0026	p44	<i>E. coli</i>	Recombinant antigen glycoprotein G for HSV-2	RAG0087	gG2	<i>E. coli</i>
Recombinant multi-epitope chimeric antigen ChimBc for <i>Babesia canis</i>	RAG0040	ChimBc	<i>E. coli</i>	Recombinant hepatitis B virus core antigen assembled as capsid-like particles	RAG0056	HBCAg	<i>E. coli</i>
Recombinant secreted antigen 1 (BcSA1) for <i>Babesia canis</i>	RAG0012	BcSA1	<i>E. coli</i>	Recombinant hepatitis B virus e antigen	RAG0062	HBeAg	<i>E. coli</i>
Recombinant antigen of major erythrocyte-binding protein (Bc28.1) for <i>Babesia canis</i>	RAG0029	Bc28.1	<i>E. coli</i>	Recombinant antigen KMP11 for <i>Leishmania infantum</i>	RAG0038	KMP11	<i>E. coli</i>
Recombinant antigen of merozoite surface antigen 1 (BcMSA1) for <i>Babesia canis</i>	RAG0020	BcMSA1	<i>P. pastoris</i>	Recombinant antigen K39 for <i>Leishmania infantum</i>	RAG0061	K39	<i>E. coli</i>
Recombinant biotinylated antigen of merozoite surface antigen 1 (BcMSA1) for <i>Babesia canis</i>	RAG0020BIOT	BcMSA1-Biot	<i>P. pastoris</i>	Recombinant biotinylated antigen K39 for <i>Leishmania infantum</i>	RAG0061BIOT	K39-Biot	<i>E. coli</i>
Recombinant multi-epitope antigen ChimBg for <i>Babesia gibsoni</i>	RAG0045	ChimBg	<i>E. coli</i>	Recombinant antigen K39 for <i>Leishmania infantum</i> conjugated to HRP	RAG0061HRP	K39	<i>E. coli</i>
Recombinant antigen enolase for <i>Candida albicans</i>	RAG0044	Enolase	<i>E. coli</i>	Recombinant multi-epitope chimeric antigen ChimLip1 for <i>Leptospira interrogans</i>	RAG0019	ChimLip1	<i>E. coli</i>
Recombinant antigen 1F8 for <i>Trypanosoma cruzi</i>	RAG0003	1F8	<i>E. coli</i>	Recombinant multi-epitope chimeric antigen ChimLip1 for <i>Leptospira interrogans</i>	RAG0037	ChimLip1	<i>P. pastoris</i>
Recombinant antigen FRA for <i>Trypanosoma cruzi</i>	RAG0005	FRA	<i>E. coli</i>	Recombinant antigen LipL32 for <i>Leptospira interrogans</i>	RAG0063	LipL32	<i>P. pastoris</i>
Recombinant multi-epitope chimeric antigen ChimChagas1 for <i>Trypanosoma cruzi</i>	RAG0093	ChimChagas1	<i>E. coli</i>	Recombinant antigen LipL32 for <i>Leptospira interrogans</i>	RAG0077	LipL32	<i>E. coli</i>
Recombinant multi-epitope chimeric antigen ChimChagas2 for <i>Trypanosoma cruzi</i>	RAG0094	ChimChagas2	<i>E. coli</i>	Recombinant antigen LipL21 for <i>Leptospira interrogans</i>	RAG0100	LipL21	<i>P. pastoris</i>
Recombinant antigen B13 for <i>Trypanosoma cruzi</i>	RAG0103	B13	<i>E. coli</i>	Recombinant antigen ospC for <i>Borrelia afzelii</i>	RAG0042	ospC (Ba)	<i>E. coli</i>
Recombinant multi-epitope chimeric antigen ChimChagas3 for <i>Trypanosoma cruzi</i>	RAG0096	ChimChagas3	<i>E. coli</i>	Recombinant 41 kDa-B flagellin for <i>Borrelia afzelii</i>	RAG0054	Flagellin B (Ba)	<i>E. coli</i>
Recombinant biotinylated multi-epitope chimeric antigen ChimChagas3 for <i>Trypanosoma cruzi</i>	RAG0096BIOT	ChimChagas3-Biot	<i>E. coli</i>	Recombinant antigen VisE for <i>Borrelia afzelii</i>	RAG0102	VisE (Ba)	<i>E. coli</i>
Recombinant multi-epitope chimeric antigen ChimChagas1 for <i>Trypanosoma cruzi</i> conjugated to HRP	RAG0093HRP	ChimChagas1	<i>E. coli</i>	Recombinant antigen ospC for <i>Borrelia burgdorferi</i>	RAG0043	ospC (Bb)	<i>E. coli</i>
Recombinant multi-epitope chimeric antigen ChimChagas2 for <i>Trypanosoma cruzi</i> conjugated to HRP	RAG0094HRP	ChimChagas2	<i>E. coli</i>	Recombinant 41 kDa-B flagellin for <i>Borrelia burgdorferi</i>	RAG0055	Flagellin B (Bb)	<i>E. coli</i>
Recombinant multi-epitope chimeric antigen ChimChagas3 for <i>Trypanosoma cruzi</i> conjugated to HRP	RAG0096HRP	ChimChagas3	<i>E. coli</i>	Recombinant multi-epitope chimeric antigen VisE for <i>Borrelia burgdorferi</i>	RAG0027	VisE (Bb)	<i>E. coli</i>
Recombinant nucleoprotein (C-term) antigen for COVID-19 (NP-CTD)	RAG0071	NP (CTD)	<i>E. coli</i>	Recombinant antigen ospC for <i>Borrelia garinii</i>	RAG0034	ospC (Bb)	<i>E. coli</i>
Recombinant Spike S1 (RBD) antigen for COVID-19	RAG0074	S1 (RBD)	<i>P. pastoris</i>	Recombinant 41 kDa-B flagellin for <i>Borrelia garinii</i>	RAG0072	Flagellin B (Bg)	<i>E. coli</i>
Recombinant antigen VP1 for human coxsackievirus B1	RAG0028	VP1 (Tucson)	<i>E. coli</i>	Recombinant multi-epitope chimeric antigen VisE for <i>Borrelia garinii</i>	RAG0022	VisE (Bg)	<i>E. coli</i>
Recombinant antigen pp28 for Cytomegalovirus (CMV)	RAG0004	pp28	<i>E. coli</i>	Recombinant antigen P30 adhesin for <i>Mycoplasma pneumoniae</i>	RAG0041	P30	<i>E. coli</i>
Recombinant antigen pp65 for Cytomegalovirus (CMV)	RAG0016	pp65	<i>E. coli</i>	Recombinant antigen P1 adhesin for <i>Mycoplasma pneumoniae</i>	RAG0053	P1	<i>E. coli</i>
Recombinant multi-epitope chimeric antigen ChimCMV3 for Cytomegalovirus (CMV)	RAG0018	ChimCMV3	<i>E. coli</i>	Recombinant antigen NcGRA7 for <i>Neospora caninum</i>	RAG0024	NcGRA7	<i>E. coli</i>
Recombinant antigen pp150 epitope 1 (aa 595-636) for Cytomegalovirus (CMV)	RAG0059	pp150	<i>E. coli</i>	Recombinant biotinylated antigen NcGRA7 for <i>Neospora caninum</i>	RAG0024BIOT	NcGRA7-BIOT	<i>E. coli</i>
Recombinant antigen pp150 for Cytomegalovirus (CMV)	RAG0091	pp150	<i>E. coli</i>	Recombinant antigen glycoprotein G for HSV-1	RAG0017	gG1	<i>E. coli</i>
Recombinant antigen pp52 for Cytomegalovirus (CMV)	RAG0090	pp52	<i>E. coli</i>	Recombinant biotinylated antigen glycoprotein G for HSV-1	RAG0017BIOT	gG1-Biot	<i>E. coli</i>
Recombinant biotinylated antigen pp52 for CMV	RAG0090BIOT	pp52-Biot	<i>E. coli</i>	Recombinant antigen gG1 for Herpes simplex virus type 1 (HSV-1)	RAG0105	gG1	<i>P. pastoris</i>
Recombinant multi-epitope chimeric antigen ChimCMV1 for Cytomegalovirus (CMV)	RAG0109	ChimCMV1	<i>E. coli</i>	Recombinant antigen glycoprotein G for HSV-1 conjugated to HRP	RAG0017HRP	gG1	<i>E. coli</i>
Recombinant biotinylated multi-epitope chimeric antigen ChimCMV1 for CMV	RAG0109BIOT	ChimCMV1-Biot	<i>E. coli</i>	Recombinant antigen gG1 for Herpes simplex virus type 1 (HSV-1) conjugated to HRP	RAG0105HRP	gG1	<i>P. pastoris</i>
Recombinant multi-epitope chimeric antigen ChimCMV2 for Cytomegalovirus (CMV)	RAG0110	ChimCMV2	<i>E. coli</i>	Recombinant nucleoprotein (C-term) antigen for SARS-CoV (2003) (NP-CTD)	RAG0080	NP (CTD)	<i>E. coli</i>
Recombinant biotinylated multi-epitope chimeric antigen ChimCMV2 for CMV	RAG0110BIOT	ChimCMV2-Biot	<i>E. coli</i>	Recombinant antigen Tpp17 for <i>Treponema pallidum</i>	RAG0008	Tpp17	<i>E. coli</i>
Recombinant antigen pp150 epitope 1 (aa 595-636) for Cytomegalovirus (CMV) conjugated to HRP	RAG0059HRP	pp150	<i>E. coli</i>	Recombinant biotinylated antigen Tpp17 for <i>Treponema pallidum</i>	RAG0088BIOT	Tpp17-Biot	<i>E. coli</i>
Recombinant antigen pp150 for Cytomegalovirus (CMV) conjugated to HRP	RAG0091HRP	pp150	<i>E. coli</i>	Recombinant antigen Tpp15 for <i>Treponema pallidum</i>	RAG0009	Tpp15	<i>E. coli</i>
Recombinant antigen pp52 for Cytomegalovirus (CMV) conjugated to HRP	RAG0090HRP	pp52	<i>E. coli</i>	Recombinant biotinylated antigen Tpp15 for <i>Treponema pallidum</i>	RAG0099BIOT	Tpp15-Biot	<i>E. coli</i>
Recombinant multi-epitope chimeric antigen ChimCMV1 for Cytomegalovirus (CMV) conjugated to HRP	RAG0109HRP	ChimCMV1	<i>E. coli</i>	Recombinant antigen Tpp47 for <i>Treponema pallidum</i>	RAG0010	Tpp47	<i>E. coli</i>
Recombinant antigen domain III from envelope protein (EDENV4) for dengue virus serotype 4.	RAG0070	EDENV4	<i>P. pastoris</i>	Recombinant biotinylated antigen Tpp47 for <i>Treponema pallidum</i>	RAG0010BIOT	Tpp47-Biot	<i>E. coli</i>
Recombinant multi-epitope antigen ChimDIT33 for <i>Dirofilaria immitis</i>	RAG0014	ChimDIT33	<i>E. coli</i>	Recombinant multi-epitope chimeric antigen for <i>Treponema pallidum</i> (ChimSyphilis1)	RAG0046	ChimSyphilis1	<i>E. coli</i>
Recombinant antigen gp19 for <i>Ehrlichia canis</i>	RAG0025	gp19	<i>E. coli</i>	Recombinant biotinylated multi-epitope chimeric antigen for <i>Treponema pallidum</i> (ChimSyphilis1)	RAG0046BIOT	ChimSyphilis1-Biot	<i>E. coli</i>
Recombinant antigen p23 for Epstein-Barr Virus (EBV)	RAG0002	p23	<i>E. coli</i>	Recombinant multi-epitope chimeric antigen for <i>Treponema pallidum</i> (ChimSyphilis2)	RAG0064	ChimSyphilis2	<i>E. coli</i>
Recombinant antigen EBNA1 for Epstein-Barr Virus (EBV)	RAG0007	EBNA1	<i>E. coli</i>	Recombinant antigen TmpA for <i>Treponema pallidum</i>	RAG0073	TmpA	<i>E. coli</i>
Recombinant antigen ZEBRA for Epstein-Barr Virus (EBV)	RAG0023	ZEBRA	<i>E. coli</i>	Recombinant biotinylated multi-epitope chimeric antigen for <i>Treponema pallidum</i> (ChimSyphilis2)	RAG0064BIOT	ChimSyphilis2-Biot	<i>E. coli</i>
Recombinant antigen p138 for Epstein-Barr Virus (EBV)	RAG0033	p138	<i>E. coli</i>	Recombinant antigen p30 (SAG1) for <i>Toxoplasma gondii</i>	RAG0011	p30 (SAG1)	<i>E. coli</i>
Recombinant antigen p54 for Epstein-Barr Virus (EBV)	RAG0035	p54	<i>E. coli</i>	Recombinant antigen p30 (SAG1) for <i>Toxoplasma gondii</i>	RAG0030	p30 (SAG1)	<i>P. pastoris</i>
Recombinant antigen EBNA1 for Epstein-Barr Virus (EBV)	RAG0047	EBNA1	<i>E. coli</i>	Recombinant antigen p29 (GRA7) for <i>Toxoplasma gondii</i>	RAG0083	p29 (GRA7)	<i>E. coli</i>
Recombinant antigen p18 for Epstein-Barr Virus (EBV)	RAG0049	p18	<i>E. coli</i>	Recombinant antigen p35 (GRA8) for <i>Toxoplasma gondii</i>	RAG0084	p35 (GRA8)	<i>E. coli</i>
Recombinant biotinylated antigen p18 for EBV	RAG0049BIOT	p18-Biot	<i>E. coli</i>	Recombinant multi-epitope chimeric antigen ChimToxo1 for <i>Toxoplasma gondii</i>	RAG0058	ChimToxo1	<i>P. pastoris</i>
Recombinant antigen p18 for Epstein-Barr Virus (EBV) conjugated to HRP	RAG0049HRP	p18	<i>E. coli</i>	Recombinant antigen CFP10 for <i>Mycobacterium tuberculosis</i>	RAG0050	CFP10	<i>E. coli</i>
Recombinant multi-epitope viral capsid antigen ChimEBV-VCA for Epstein-Barr Virus (EBV)	RAG0081	ChimEBV-VCA	<i>E. coli</i>	Recombinant multi-epitope chimeric antigen CFP10:ESAT6 for <i>Mycobacterium tuberculosis</i>	RAG0060	CFP10:ESAT6	<i>E. coli</i>
Recombinant multi-epitope early antigen ChimEBV-EA for Epstein-Barr Virus (EBV)	RAG0082	ChimEBV-EA	<i>E. coli</i>	Recombinant antigen OMP for <i>Salmonella typhi</i>	RAG0021	OMP	<i>E. coli</i>
Recombinant antigen p24 for FIV	RAG0013	p24	<i>E. coli</i>	Recombinant antigen flagellin for <i>Salmonella typhi</i>	RAG0032	flagellin	<i>E. coli</i>
Recombinant antigen p15 for Feline immunodeficiency virus (FIV)	RAG0015	p15	<i>E. coli</i>	Recombinant antigen E for West Nile virus (WNV)	RAG0001	E	<i>E. coli</i>
				Recombinant antigen E for West Nile virus (WNV)	RAG0065	E	<i>P. pastoris</i>

EXHIBIT A - PRODUCT LIST

ALLERGENS

Full name	Catalog No	Antigen	Source
Recombinant allergen Art v 3 for <i>Artemisia vulgaris</i> (Mugwort pollen)	RAL0006	Art v 3	<i>E. coli</i>
Recombinant allergen Art v 3 for <i>Artemisia vulgaris</i> (Mugwort pollen)	RAL0048	Art v 3	<i>P. pastoris</i>
Recombinant allergen Ole e 2 for <i>Olea europaea</i> (olive tree)	RAL0010	Ole e 2	<i>E. coli</i>
Recombinant allergen Ole e 1 for <i>Olea europaea</i> (olive tree)	RAL0012	Ole e 1	<i>P. pastoris</i>
Recombinant allergen Ole e 5 for <i>Olea europaea</i> (olive tree)	RAL0047	Ole e 5	<i>E. coli</i>
Recombinant allergen Par j 2 for <i>Parietaria judaica</i> (Pellitory-of-the-wall)	RAL0020	Par j 2	<i>P. pastoris</i>
Recombinant allergen Alt a 1 for <i>Alternaria alternata</i> (Alternaria plant rot fungus)	RAL0025	Alt a 1	<i>P. pastoris</i>
Recombinant allergen Sal k 1 for <i>Salsola kali</i> (Russian thistle)	RAL0018	Sal k 1	<i>E. coli</i>
Recombinant allergen Phl p 1 for <i>Phleum pratense</i> (Timothy grass pollen)	RAL0001	Phl p 1	<i>E. coli</i>
Recombinant allergen Phl p 7 apo-protein for <i>Phleum pratense</i> (Timothy grass pollen)	RAL0002	Phl p 7	<i>E. coli</i>
Recombinant allergen Phl p 5a for <i>Phleum pratense</i> (Timothy grass pollen)	RAL0003	Phl p 5a	<i>E. coli</i>
Recombinant biotinylated allergen Phl p 5a for <i>Phleum pratense</i> (Timothy grass pollen)	RAL0003BIOT	Phl p 5a-Biot	<i>E. coli</i>
Recombinant allergen Phl p 12 for <i>Phleum pratense</i> (Timothy grass pollen)	RAL0004	Phl p 12	<i>E. coli</i>
Recombinant allergen Phl p 5b for <i>Phleum pratense</i> (Timothy grass pollen)	RAL0017	Phl p 5b	<i>E. coli</i>
Recombinant allergen Bet v 4 for <i>Betula verrucosa</i> (European white birch)	RAL0009	Bet v 4	<i>E. coli</i>
Recombinant allergen Bet v 1 for <i>Betula verrucosa</i> (European white birch)	RAL0011	Bet v 1	<i>E. coli</i>

POLYCLONAL ANTIBODIES

Full Name	Catalog No	Antibody*	Immunogens
Polyclonal antibody against CCD	PAB0004	Anti-CCD	Anti-CCD (SOR0001)
Polyclonal antibody for <i>Trypanosoma cruzi</i>	PAB0007	Anti-Chagas	1F8 (RAG0003) FRA (RAG0005) B13 (RAG0103)
Polyclonal antibody against pp52 for Cytomegalovirus	PAB0001	Anti-pp52	pp52 (RAG0090)
Polyclonal antibody against pp150 for Cytomegalovirus	PAB0002	Anti-pp150	pp150 (RAG0059, RAG0091)
Polyclonal antibody against pp65 for Cytomegalovirus	PAB0003	Anti-pp65	pp65 (RAG0016)
Polyclonal antibody against HBcAg for hepatitis B virus	PAB0008	Anti-HBcAg	HBcAg (RAG0056)
Polyclonal antibody against GRA7/GRA8 for <i>Toxoplasma gondii</i>	PAB0005	Anti-GRA7/GRA8	p29 (GRA7) (RAG0083) p35 (GRA8) (RAG0084)
Polyclonal antibody against p30 (SAG1) for <i>Toxoplasma gondii</i>	PAB0010	Anti-p30 (SAG1)	p30 (SAG1) (RAG0011, RAG0030)
Polyclonal antibody against TB for <i>Mycobacterium tuberculosis</i> (Koch's bacillus)	PAB0009	Anti-TB	CFP10:ESAT6 (RAG0060)

*Source: rabbit

IMMUNOASSAY BLOCKER

Full Name	Catalog No	Antibody
Immunoassay blocker for anti-cross-reactive carbohydrate determinant (CCD) antibodies	SOR0001	PAB0004