

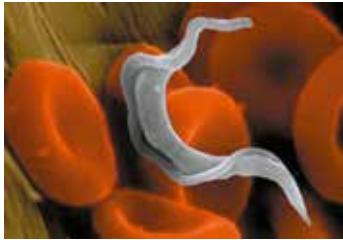
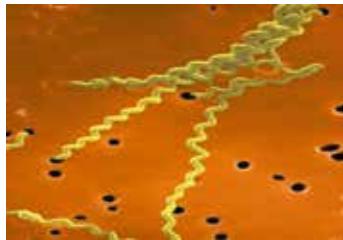
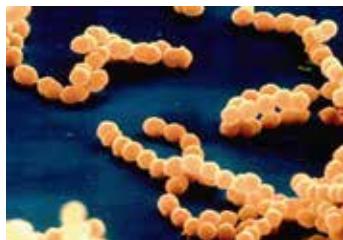
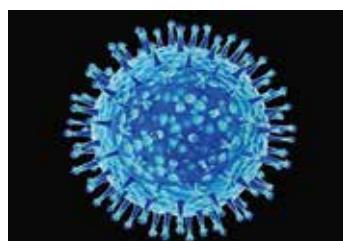


Recombinant antigens for HUMAN INFECTIOUS DISEASES



rek'om biotech
High Quality Raw Materials
for IVD Manufacturing Industry

Recombinant antigens for HUMAN INFECTIOUS DISEASES



Rekom Biotech offers a wide range of **recombinant proteins** for *in vitro* diagnosis of **human infectious diseases**, including those of zoonotic origin. These proteins will allow you to manufacture your **antibody tests** with a raw material of high quality and reproducibility, viable for any existing diagnostic platform on the market. Given our extensive experience in the sector, we can advise you on what best suits your project. Trust us!



WB: Western Blot
DB: Dot Blot
IE: Indirect ELISA
DE: positive control in direct ELISA
CLIA: Chemiluminescent Immunoassay
LF: Lateral Flow
CE: Capture ELISA
DAS: Double antigen sandwich
NP: nanoparticles binding
PO: plate orientation

Pack size: 0.1 mg*; 1 mg; bulk
Format: liquid; lyophilised
*under availability

* Specific Polyclonal Antibodies



Top product (Satisfaction guarantee)



PARASITES

CHAGAS (*Trypanosoma cruzi*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
1F8*	RAG0003	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Calcium-binding flagellar antigen
B13*	RAG0103	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	CA-2 surface antigen, oka. Ag2, PEP2, TcR34
FRA*	RAG0005	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Cytoskeleton assoc. antigen, oka. Ag1, JL7, H49
	RAG0005BIOT	<i>E. coli</i>	WB, DB, CE, DAS, NP, PO	FRA biotinylated
ChimChagas1*	RAG0093	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen
ChimChagas2*	RAG0094	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen
	RAG0094BIOT	<i>E. coli</i>	WB, DB, CE, DAS, NP, PO	ChimChagas2 biotinylated
ChimChagas3*	RAG0096	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen
	RAG0096BIOT	<i>E. coli</i>	WB, DB, CE, DAS, NP, PO	ChimChagas3 biotinylated

LEISHMANIOSIS (*Leishmania infantum*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
K39	RAG0061	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Parasite kinesin-related antigen
	RAG0061BIOT	<i>E. coli</i>	WB, DB, CE, DAS, NP, PO	K39 biotinylated
KMP11	RAG0038	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Kinetoplastid membrane antigen of 11 kDa

TOXOPLASMOSIS (*Toxoplasma gondii*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
p29 (GRA7)*	RAG0083	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Dense granule antigen
p30 (SAG1)*	RAG0011	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Major surface antigen
	RAG0030	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	p30 (SAG1) in <i>P. pastoris</i>
p35 (GRA8)*	RAG0084	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Dense granule antigen
ChimToxo1*	RAG0058	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen (SAG1 and GRA8)



FUNGI

CANDIDIASIS (*Candida albicans*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
Enolase	RAG0044	<i>E. coli</i>	WB, DB, IE, DE	Antigen corresponding to the glycolytic enzyme 2-phosphoD-glycerate hydrolase



AIDS (HIV)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
p24	RAG0057	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Viral capsid antigen
	RAG0057BIOT	<i>E. coli</i>	WB, DB, CE, NP, PO	p24 biotinylated

COVID-19 (SARS-CoV-2)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
NP (CTD)	RAG0071	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	SARS-CoV-2 nucleoprotein C-terminal domain
S1 (RBD)	RAG0074	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	SARS-CoV-2 S1 Receptor Binding Domain (RBD)

COXSACKIEVIRUS (*coxsackievirus B1*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
VP1	RAG0028	<i>E. coli</i>	WB, DB, IE, DE	Viral polyprotein. Tucson

CYTOMEGALOVIRUS (CMV)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
pp52*	RAG0090	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	DNA polymerase processivity subunit
	RAG0090BIOT	<i>E. coli</i>	WB, DB, CE, NP, PO	pp52 biotinylated
pp65*	RAG0016	<i>E. coli</i>	WB, DB, IE, DE	Viral tegument phosphoprotein
pp150*	RAG0091	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Viral matrix phosphoprotein
	RAG0059	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	
ChimCMV1*	RAG0109	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen
	RAG0109BIOT	<i>E. coli</i>	WB, DB, CE, NP, PO	ChimCMV1 biotinylated
ChimCMV2*	RAG0110	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen
	RAG0110BIOT	<i>E. coli</i>	WB, DB, CE, NP, PO	ChimCMV2 biotinylated
ChimCMV3*	RAG0018	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen
pp28	RAG0004	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Phosphoprotein

DENGUE

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
EDENV4	RAG0070	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	Dengue Virus envelope protein

EPSTEIN-BARR VIRUS (EBV)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
EBNA1	RAG0007	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Late nuclear antigen
	RAG0047	<i>E. coli</i>	WB, DB, IE, DE	
p18	RAG0049	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Viral capsid antigen
	RAG0049BIOT	<i>E. coli</i>	WB, DB, CE, NP, PO	p18 biotinylated
p23	RAG0002	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Viral capsid antigen
p54	RAG0035	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Early antigen
p138	RAG0033	<i>E. coli</i>	WB, DB, IE, DE	Early antigen
ZEBRA	RAG0023	<i>E. coli</i>	WB, DB, IE, DE	Transcription factor, early antigen
ChimEBV-VCA	RAG0081	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen
ChimEBV-EA	RAG0082	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen

GENITAL HERPES produced by HSV-2 (Herpes simplex virus type 2)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
gG2	RAG0087	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Contains the immunogenic regions of the glycoprotein G from the HSV-2

HEPATITIS B (HBV)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
HBcAg*	RAG0056	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Hepatitis B virus core antigen assembled as capsid-like particles
HBeAg	RAG0062	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	HBV e antigen that comprises the 10 aa pre-core sequence plus the 149-residue assembly core

SARS-CoV (2003)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
NP (CTD)	RAG0080	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	SARS-CoV nucleoprotein C-terminal domain. 92.5% identity with NP COVID-19.

ORAL HERPES produced by HSV-1 (Herpes simplex virus type 1)

NAME	CAT NUMBER		APPLICATION	DESCRIPTION
gG1	RAG0017	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant mature glycoprotein G for HSV-1
	RAG0017BIOT	<i>E. coli</i>	WB, DB, CE, NP, PO	gG1 biotinylated
	RAG0105	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	

WEST NILE VIRUS (WNV)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
E	RAG0001	<i>E. coli</i>	WB, DB, IE, DE	Envelope glycoprotein
	RAG0065	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	



BACTERIA

ATYPICAL PNEUMONIA (*Mycoplasma pneumoniae*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
P1 *	RAG0053	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	<i>Mycoplasma pneumoniae</i> P1 adhesin protein
P30 *	RAG0041	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	<i>Mycoplasma pneumoniae</i> P30 adhesin protein
ChimMp *	RAG0051	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen for <i>M. pneumoniae</i>

ANAPLASMOSIS (*Anaplasma phagocytophilum*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
p44 *	RAG0026	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Outer membrane antigen for <i>A. phagocytophilum</i>

BORRELIOSIS or LYME DISEASE

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
<i>ospC</i>	RAG0042 (Ba)	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Outer membrane antigen for <i>B. afzelii</i>
	RAG0043 (Bb)	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Outer membrane antigen for <i>B. burgdorferi</i>
	RAG0034 (Bg)	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Outer membrane antigen for <i>B. garinii</i>
<i>flagellin B</i>	RAG0054 (Ba)	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Internal central portion of <i>B. afzelii</i> 41 kDa
	RAG0055 (Bb)	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Internal central portion of <i>B. burgdorferi</i> 41 kDa
	RAG0072 (Bg)	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Internal central portion of <i>B. garinii</i> 41 kDa
<i>VlsE</i>	RAG0022 (Bg)	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen VlsE for <i>B. garinii</i>
	RAG0027 (Bb)	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen VlsE for <i>B. burgdorferi</i>
	RAG0102 (Ba)	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Major variable Surface antigen for <i>B. afzelii</i>

EHRLICHIOSIS (*Ehrlichia canis*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
gp19 *	RAG0025	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Glycoprotein gp19 of <i>Ehrlichia canis</i>

HELICOBACTER PYLORI INFECTION

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
CagA	RAG0088	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Cytotoxin-associated gene A (Domain III)

LEPTOSPIROSIS (*Leptospira interrogans*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
<i>LipL32</i> *	RAG0077	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Major outer membrane antigen, lipoprotein
	RAG0063	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	LipL32 in <i>P. pastoris</i>
<i>LipL21</i> *	RAG0100	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	The second most abundant protein <i>L. interrogans</i>
<i>ChimLip1</i> *	RAG0019	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen for <i>L. interrogans</i>
	RAG0037	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	
<i>ChimLip2</i>	RAG0031	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen for <i>L. interrogans</i>
<i>ChimLip3</i>	RAG0076	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen for <i>L. interrogans</i>

TUBERCULOSIS (*Mycobacterium tuberculosis*, *Koch's bacillus*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
CFP10 *	RAG0050	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Culture filtrate antigen of 10 kDa
CFP10:ESAT6*	RAG0060	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen

SYPHILIS (*Treponema pallidum*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
TmpA	RAG0073	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Membrane lipoprotein
Tpp15	RAG0009	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Membrane lipoprotein
	RAG0009BIOT	<i>E. coli</i>	WB, DB, CE, DAS, NP, PO	Tpp15 biotinylated
Tpp17	RAG0008	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Membrane lipoprotein
	RAG0008BIOT	<i>E. coli</i>	WB, DB, CE, DAS, NP, PO	Tpp17 biotinylated
Tpp47	RAG0010	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Membrane lipoprotein
	RAG0010BIOT	<i>E. coli</i>	WB, DB, CE, DAS, NP, PO	Tpp47 biotinylated
ChimSyphilis1	RAG0046	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen (Tpp17 and Tpp47)
	RAG0046BIOT	<i>E. coli</i>	WB, DB, CE, DAS, NP, PO	ChimSyphilis1 biotinylated
ChimSyphilis2	RAG0064	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant chimeric antigen (Tpp15 and TmpA)
	RAG0064BIOT	<i>E. coli</i>	WB, DB, CE, DAS, NP, PO	ChimSyphilis2 biotinylated

TYPHOID FEVER (*Salmonella typhi*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
Flagellin	RAG0032	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	The flagella antigen of <i>Salmonella typhi</i>
OMP	RAG0021	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Outer membrane protein



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