



Recombinant proteins for in vitro diagnosis of  
farm animal infectious diseases



### ANAPLASMOSIS (*Anaplasma phagocytophilum*)

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

For diagnosis of the disease in dogs, cats, horses, sheep and cattle.

### BORRELIOSIS or LYME DISEASE

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

For diagnosis of the disease in dogs, horses and occasionally in beef cattle.

### DIROFILARIASIS (*Dirofilaria immitis*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
<b>ChimDiT33</b>	<b>RAG0014</b>	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Recombinant quimeric antigen for <i>Dirofilaria immitis</i>

For diagnosis of the disease in dogs, cats, ferrets, cattle, foxes, coyotes, sea lions.

### LEPTOSPIROSIS (*Leptospira interrogans*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
<b>LipL32</b>	<b>RAG0077</b>	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	Major outer membrane antigen, lipoprotein
	<b>RAG0063</b>	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	LipL32 in <i>P. pastoris</i>
<b>LipL21</b>	<b>RAG0100</b>	<i>P. pastoris</i>	WB, DB, IE, DE, CLIA, LF	The second most abundant protein <i>L. interrogans</i>

For diagnosis of the disease in dogs, beef cattle, pigs and horses.

### NEOSPOROSIS (*Neospora caninum*)

NAME	CAT NUMBER	SOURCE	APPLICATION	DESCRIPTION
<b>NcGRA7</b>	<b>RAG0024</b>	<i>E. coli</i>	WB, DB, IE, DE, CLIA, LF	<i>Neospora caninum</i> dense granule antigen GRA7
	<b>RAG0024BIOT</b>	<i>E. coli</i>	WB, DB, CE, NP, PO	NcGRA7 biotinylated

For diagnosis of the disease in warm-blooded mammals, mainly dogs and cattle

### TOXOPLASMOSIS (*Toxoplasma gondii*)

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

For diagnosis of the disease in warm-blooded animals.

\*Specific Antibodies: Polyclonal antibody against GRA7/GRA8 and SAG1

## 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

**For diagnosis of the disease in cattle.**

**\*Specific Antibodies:** Polyclonal antibody against Tuberculosis


## 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	

**For diagnosis of the disease in birds and mammals, common in horses.**

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, for liquid format  
 Top product (Satisfaction guarantee)





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