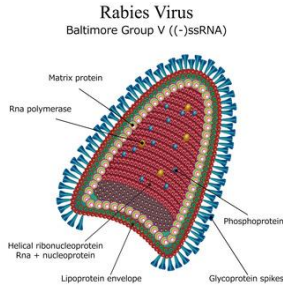


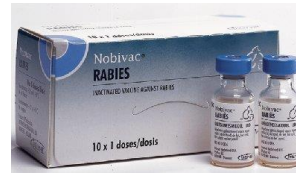
Rabies Vaccines: Antibody ELISA Kits, Recombinant Proteins, Peptides and Antibodies

Rabies is a disease that causes acute encephalitis (inflammation of the brain) in **warm-blooded animals**. It is **zoonotic** (i.e., transmitted by animals), most commonly by a bite from an infected animal but occasionally by other forms of contact. Rabies is almost invariably fatal if post-exposure prophylaxis is not administered prior to the onset of severe symptoms. Early-stage symptoms of rabies are malaise, headache and fever, progressing to acute pain, violent movements, uncontrolled excitement, depression, and hydrophobia. Worldwide, the vast majority of human rabies cases (~ 97%) come from dog bites. Rapid and accurate laboratory diagnosis of rabies in humans and other animals are essential for timely administration of post exposure prophylaxis. The standard test for rabies testing is dFA and RFFIT. However, these test labor intensive, take a long time, and also require handling of the live virus, and more expensive. They are also not suited for large sample testing or field trials.



The **rabies virus** is a member of the Lyssavirus genus, which are

approximately cylindrical in shape. They are characterized by an extremely broad host spectrum ranging from plants to insects and mammals; human-infecting viruses. The lipoprotein envelope carries knob-like spikes composed of **Glycoprotein G**. Beneath the envelope is the membrane or matrix (**M**) protein layer which may be invaginated at the planar end. The core of the virion consists of helically arranged **ribonucleoprotein**.



Rabies Vaccines: Vaxirab, Verorab, Raboral (Merial). **VRG vaccine** is the recombinant vaccinia virus containing the rabies glycoprotein. It is used extensively to immunize wild animals (bats, coyote raccoons etc).

About ADI Rabies Vaccine ELISA Kits- ADI has produced recombinant rabies virus proteins (**VRG, NP**) that are used in vaccines, made antibodies, and developed antibody ELISA kits. The ELISA kits can be used to assess immune status of humans and animals and to assess vaccine efficacy or formulate new vaccines. Antibody ELISA kits for species and isotypes not listed here can be made available as well.

Rabies vaccine Related ELISA kits (See Details at the website) http://4adi.com/commerce/catalog/spcategory.jsp?category_id=2726

ELISA Kit Description	Species	IgG Specific Cat#	IgM Specific Cat#
Rabies virus (whole viral antigens) antibody ELISA Kits	G. Pig	600-015-GRV	
	Human	600-020-HRV	
	Mouse	600-030-MRG	
	Rabbit	600-040-RRG	600-045-RRM
	Monkey	600-070-CRG	
	Ferret (Fishers/Skunks)	600-090-FRG	
Rabies Virus Glycoprotein (RVG) antibody ELISA Kits	Bat	600-095-BRG	
	Human	600-120-HRV	
	Mouse	600-130-MRG	
	Rabbit	600-140-RRG	
	Ferret (Fishers/Skunks)	600-170-FRG	
Rabies Vaccine Rabies Virus Nucleoprotein (RV-NP) antibody ELISA Kits	Monkey/Baboon	600-180-BRG	
	Human	600-220-HRV	600-225-HRM
	Mouse	600-230-MRG	
	Rabbit	600-240-RRG	
	Monkey/Baboon	600-660-BRG	

Rabies Related Antibodies, Peptides, and Recombinant Proteins

Catalog#	Product Description	Product Type
RBM2P15-R-10	Recomb. (E.coli) Rabies Virus (MRV/Genotype 1) Matrix 2 protein (~22kda, >95%,)	Pure protein
RBV11-M	Mouse monoclonal Anti-Rabies Virus IgG, aff pure	Antibodies
RBV11-S	Anti-Rabies Virus antiserum positive control for ELISA	antiserum
RBV12-FITC	Anti-Rabies Virus IgG-FITC conjugate	Antibodies
RBV12-S	Anti-Rabies Virus antiserum (hyper immune sera)	antiserum
RBV13-S	Anti-Rabies Virus antiserum	antiserum
RBV14-M	Mouse monoclonal Anti-Rabies Virus Glycoprotein IgG, aff pure	Antibodies
RBV15-FITC	Mouse monoclonal Anti-Rabies Virus IgG-FITC conjugate (DFA II mix of 2 clones)	Antibodies
RBV16-Fab2	Horse Anti-Rabies Virus IgG (Fab2), neutralizing	Antibodies
RBVGP11-C	Rabies Virus Glycoprotein (~58 kda, RVG) control for western blot	Western control
RBVGP11-S	Anti-Rabies Virus Glycoprotein (~58 kda, RVG) antiserum	antiserum
RBVGP25-R-10	Recombinant (E. coli) purified Rabies Virus Glycoprotein (~58 kda, RVG)	Western control
RBVNP12-C	Rabies Virus Nucleoprotein (RV-NP) (~56 kda, RV-NP) control for western blot	Western control
RBVNP12-S	Anti-Rabies Virus Nucleoprotein (RV-NP) (~56 kda, RV-NP) antiserum	antiserum
RBVNP15-R-10	Recomb. (E.coli) purified Rabies Virus nucleocapsid protein (full length ~56 kda)	Pure protein
RBVNP15-R-25	Recomb. (E.coli) purified RV-NP (full length ~56 kda)	Pure protein

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