
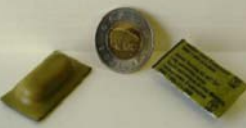
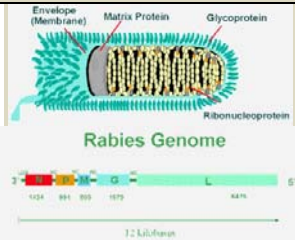


Rabies Vaccines: Antibody ELISA Kits, Recombinant Proteins, Peptides and Antibodies

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 nature of rabies disease dictates that laboratory tests be standardized, rapid, sensitive, specific, economical, and reliable. 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.

<p style="text-align: center; background-color: #e0e0e0; padding: 2px;">Human Rabies Vaccine</p> 	 <p style="font-size: small;">Recombinant Oral VRG Vaccine bait for animals (Coyote, racoon, etc)</p>	 <p style="text-align: center; font-weight: bold; color: green;">Rabies Genome</p>	<p>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. Spikes do not cover the planar end of the virion (virus particle). 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.</p>
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Our Anti-Rabies ELISA kit is based on whole-inactivated virus or recombinant proteins (**VRG and RV-NP**) are intended to use as a rapid screening test for the detection of rabies antibodies in serum samples of experimental animals to test the efficacy of existing vaccines or new formulation of vaccines. **Rabies vaccines:** Vaxirab, Verorab, Raboral (Meril). **VRG vaccine** is the recombinant vaccinia virus containing the rabies glycoprotein. It is used extensively to immunize wild animals (bats, coyote raccoons etc).

Rabies vaccine Related ELISA kits

ELISA Kit Description	Species	Total Ig's Cat#	IgG Specific Cat#	IgM Specific Cat#	
Rabies Vaccine (Rabies Virus 1-3) antibody ELISA Kits Notes: Rabies antibody ELISA kits are designed to detect the Ig's (G+M+A) or IgG or IgM isotypes. All of the kits can be custom ordered to detect any of these isotypes even if they are not currently list here. Additional species can also be ordered.	Dog		600-010-DRV		
	Human		600-020-HRV		
	Mouse		600-030-MRG		
	Rabbit		600-040-RRG	600-045-RRM	
	Horse		600-050-HRG	600-055-HRG (Fab2)*	
	Monkey		600-070-CRG		
	Pig/Swine		600-080-PRG		
	Ferret (Fishers/Skunks)		600-090-FRG		
	Rabies Vaccine (Rabies Virus Glycoprotein (RVG) antibody) ELISA Kits	Dog/Fox/Coyote		600-110-DRV	
		Human		600-120-HRV	
Mouse			600-130-MRG		
Rabbit			600-140-RRG		
Horse			600-150-HRG		
Swine/Pig			600-160-PRG		
Rabies Vaccine (Rabies Virus Nucleoprotein (RV-NP) antibody) ELISA Kits	Ferret (Fishers/Skunks)		600-170-FRG		
	Dog/Fox/Coyote		600-210-DRV		
	Human		600-220-HRV		
	Mouse		600-230-MRG		
	Rabbit		600-240-RRG		
	Horse		600-250-HRG		

Rabies Related Antibodies, Peptides, and Recombinant Proteins

Items	Cat#	Product Description	Product Type
Rabies Virus VRG RV-NP	RBV14-M	Mouse monoclonal Anti-Rabies Virus IgG, aff pure	Antibodies
	RBV12-FITC	Goat Anti-Rabies Virus IgG-FITC conjugate	Antibodies
	RBV12-S	Rabbit Anti-Rabies Virus antiserum	antiserum
	RBV11-M	Mouse monoclonal Anti-Rabies Virus IgG, aff pure	Antibodies
	RBVGP11-S	Rabbit Anti-Rabies Virus Glycoprotein (~58 kda, RVG) antiserum	antiserum
	RBVGP25-R-10	Recombinant (E. coli) purified Rabies Virus Glycoprotein (~58 kda, RVG)	Pure protein
	RBVNP12-S	Rabbit Anti-Rabies Virus Nucleoprotein (RV-NP) (~56 kda, RV-NP) antiserum	antiserum
	RBVNP15-R-10	Recombinant (yeast) purified nucleocapsid protein (full length ~56 kda, yeast, >95%)	Pure protein