

ARG83067 Dirofilaria ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83067 Dirofilaria ELISA Kit is an Enzyme Immunoassay kit for the qualitative determination of Dirofilaria in animals serum.
Tested Reactivity	Other
Tested Application	ELISA
Target Name	Dirofilaria
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Detection Range	Cut-off
Sample Type	serum
Standard Range	Cut-off
Sample Volume	100 µl
Alternate Names	Dirofilaria, Railliet, Henry, filarial, nematode, Dirofilaria immitis, heartworm

Application Instructions

Assay Time	~2 hour
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Full Name	Dirofilaria
Background	Dirofilaria is a filarial (arthropod-borne) nematode (roundworm), in the family Onchocercidae. Some species cause dirofilariasis, a state of parasitic infection, in humans and other animals. There are about 27 species in the genus. These are generally divided into two subgenera, Dirofilaria and Noctiella. Some species are well-known parasites, including Dirofilaria immitis, the dog heartworm, Dirofilaria repens, which affects many types of nonhuman mammals, and Dirofilaria tenuis, which usually parasitizes raccoons, but can infect humans, as well. Human dirofilariasis is generally caused by D. immitis and D. repens. The former can cause pulmonary dirofilariasis, which may have no symptoms. Another form of the infection can be characterized by a painful lump under the skin or infection of the eye. The nematodes are spread by mosquitoes.