

# MATERIAL SAFETY DATA SHEET

MegaELISA® DIRO Antigen

Version 03/2018



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## 1 PRODUCT DESCRIPTION

Product name **MegaELISA® DIRO Antigen**  
Synonym Enzyme immunoassay for the qualitative detection of *Dirofilaria immitis* antigens in plasma or serum of the dog  
Art. No. 989096EG1

## 2/3 TEST-KIT COMPONENTS and HAZARDOUS INGREDIENTS

	Components	Hazardous ingredient	Possible hazards
1.	1 ELISA plate with 12 separable test strips with 8 determinations each, coated with monoclonal antibodies against <i>D. immitis</i>	–	–
2.	60 ml Wash buffer	–	–
3.	1.5 ml Positive Control	–	–
4.	1.5 ml Negative Control	–	–
5.	9 ml Conjugate	–	–
6.	9 ml Substrate	0.01 % H <sub>2</sub> O <sub>2</sub>	Although it is not classified as hazardous according to the European Regulation (EC) 1272/2008, the product should be handled with the usual care for all chemicals, in order to avoid synergistic effects.
7.	100 pipette tips	–	–
8.	1 micro pipette	–	–
9.	1 Evaluation sheet	–	–
10.	1 Instructions for use	–	–

## 4 FIRST-AID MEASURES

Ingestion If symptoms persist, consult doctor.  
Eyes Flush affected area with copious amounts of water. Contact physician for prophylactic treatment.  
Skin Contact Wash affected area thoroughly with water and soap. Rinse thoroughly. In case of complaints, contact a physician.  
Inhalation Supply fresh air; consult doctor in case of complaints.

## 5 FIRE AND EXPLOSION HAZARD DATA

1. Flash Point N/A  
2. Extinguishing Media None  
3. Special Fire Fighting Procedures None  
4. Unusual Fire or Explosion Hazard None

## 6 ACCIDENTAL RELEASE MEASURES

Personal precautions Safety goggles. Wear suitable respiratory equipment, boots and gloves. Avoid breathing vapours, mist or gas. Keep away from sources of ignition. No smoking.  
Spill and leak N/A to device, would only apply to samples used – biohazard precautions would apply. Treat cleaned area with established germicidal agent.

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## 7 HANDLING AND STORAGE

Handle with care.

Store at 2–8°C.

See Instructions for use for specific instructions.

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## 8 PERSONAL PROTECTION AND EXPOSURE CONTROLS

**Protective clothing** Wear gloves, lab coat.

**Engineering measures** None (ventilation, respiratory)

**Thresholds limits** None Suggested

### Possible Routes of Exposure

Ingestion, Inhalation, Skin Contact, Skin Absorption, Eye Contact

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## 9 PHYSICAL AND CHEMICAL DATA

1.	Colour	N/A
2.	Odor	N/A
3.	Boiling Point	N/A
4.	Evaporation Rate	N/A
5.	Specific Gravity	N/A
6.	Percent Volatile	N/A
7.	Vapor Density	N/A
8.	Vapor Pressure	N/A
9.	Water Solubility	N/A

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## 10 STABILITY AND REACTIVITY

1.	Stability	Stable if stored under recommended storage conditions.
2.	Incompatibility	None
3.	Hazardous decomposition products	None

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## 11. TOXICOLOGICAL INFORMATION

Acute overexposure	None
Sensitisation	None
Chronic overexposure	None

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## 12. ECOLOGICAL INFORMATION

Ecotoxicity	N/A
Toxicity of the products of biodegradation	N/A

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## 13. DISPOSAL PROCEDURES

After use, autoclave or incinerate per local, state, federal regulations. Treat as biohazardous material.

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## 14. TRANSPORT INFORMATION

After use, autoclave or incinerate per local, state, federal regulations. Treat as biohazardous material.

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## 15. REGULATORY INFORMATION

None.

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## MISCELLANEOUS INFORMATION

Handle used device with care and consider potential capability of transmitting infectious diseases.