

MATERIAL SAFETY DATA SHEET

MegaELISA® ANAPLASMA phagocytophilum

Version 01/2021



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1 PRODUCT DESCRIPTION

Product name **MegaELISA® ANAPLASMA phagocytophilum**
Synonym Enzyme immunoassay for the qualitative detection of IgG antibodies against *Anaplasma phagocytophilum* in plasma or serum of the dog.
Art. No. 600096EK1 (96's) / 600048EK1 (48's)

2/3 TEST-KIT COMPONENTS and HAZARDOUS INGREDIENTS

| | Components | 48's | 96's | Hazardous ingredient | Possible hazards |
|-----|--|----------|-----------|---------------------------------------|--|
| 1. | 1 ELISA plate with separable test strips with 8 determinations each, coated with recombinant <i>Anaplasma phagocytophilum</i> antigens | 6 strips | 12 strips | – | 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. Because of the preservative it may be dangerous for water organisms. |
| 2. | Sample dilution buffer SDB | 25 ml | 50 ml | <0.0014 % mixture of CMIT/MIT | |
| 3. | Wash buffer | 25 ml | 50 ml | <0.0014 % mixture of CMIT/MIT | |
| 4. | Positive Control | 0.5 ml | 1 ml | <0.0014 % mixture of CMIT/MIT | |
| 6. | Negative Control | 0.5 ml | 1 ml | – | |
| 7. | Conjugate | 6 ml | 12 ml | <0.0014 % mixture of CMIT/MIT | |
| 8. | Substrate | 6 ml | 12 ml | < 0.1 % H ₂ O ₂ | |
| 9. | Stop solution | 8 ml | 15 ml | 0.2 M Sulfuric acid | |
| 10. | Cover foil | 1 | 1 | – | According to EC regulation 1272/2008 (CLP), this mixture is classified as not hazardous. A corrosive effect cannot be ruled out because of the pH value. |
| 11. | Evaluation sheet | 1 | 1 | – | – |
| 12. | Instructions for use | 1 | 1 | – | – |

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. |

7 HANDLING AND STORAGE

Handle with care.
Store at 2–8°C.
See Instructions for use for specific instructions.

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

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 |

10 STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

| | |
|----------------------|------|
| Acute overexposure | None |
| Sensitisation | None |
| Chronic overexposure | None |

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL PROCEDURES

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

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

None.

MISCELLANEOUS INFORMATION

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