eurisTest™

MATERIAL SAFETY DATA SHEET

1 PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier

Product name: eurisTest™ Immunoturbidimetric Assay Canine C-Reactive Protein (cCRP)

Article number: 2510-02

Components:		
	R1 Assay Buffer	(1502-16)
	R2 Antibody Reagent	(1502-14)
	cCRP CAL200 Calibrator	(1502-17)
	cCRP Level 2 Control	(1502-23)

1.2 Intended use

The product is a immunoturbidimetric assay for the quantitative, in vitro determination of cCRP in canine (dog) plasma and serum samples. Measurement of cCRP in dogs can be a useful tool for monitoring systemic inflammation. For veterinary and research use only.

1.3 Company identification

European Institute of Science AB
Scheelevägen 27, 4th Floor
SE-223 60 Lund, Sweden
Tel: +46 46 286 2230
Email: info@euris.org
Web: www.euris.org

1.4 Emergency telephone

European Institute of Science (8:00-16:00): +46 46 286 2230 or 112 (EU)
Please refer to your local authorities for anti-poison.

2 HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Not applicable

2.2 Label elements

2.2.1 According to regulation (EC) No. 1272/2008

Hazard picograms and Signal word: Not applicable

2.2.2 Hazardous components for labeling

Hazard statements: Not applicable

Precautionary statements: Not applicable

2.2.3 Labeling according to guideline 1999/45/EC

Hazard picograms and Signal word: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

Risk and safety phrases: Not applicable

2.3 Other hazards

Kit components contain <0.1% sodium azide. Ingestion and contact with skin or mucous membranes should be avoided. Sodium azide reacts with lead or copper plumbing to form potentially explosive azides. When disposing of reagents, rinse generously with water to avoid azide build up. Exposed metal surfaces should be cleaned with 10% sodium hydroxide.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS no.	EINECS no.	Class	Amount
Sodium azide	26628-22-8	247-852-1	T+, N, R 28-32-50/53 GHS06, GHS09 H 300-400-410	<0.1%

For the wording of hazardous and risk phrases refer to section 16.

4 FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Provide plenty of fresh air. Consult a physician for further complaint.

Skin Contact: Remove contaminated clothing and rinse exposed skin thoroughly with water for several minutes. Consult a physician for further complaint.

Eye Contact: Rinse thoroughly with water for several minutes. Seek immediate medical attention.

Ingestion: Rinse mouth with water and drink afterwards plenty of water. Seek immediate medical attention. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No information available

4.3 Indication of any immediate medical attention and special treatment needed

No information available. Contact a physician.

5 FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: No information available.

5.2 Special hazards arising from the substance or mixture

In case of fire, hazardous fumes and vapors including carbon oxides (CO_x), nitrogen oxides (NO_x) and Phosphorous oxides (P_xO_y) can be released into the air.

5.3 Advice for fire fighters

Wear full protective gear and self-contained respiratory device when extinguishing fires.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precaution, protective equipment and emergency procedures

Isolate spillage and clean up immediately. Use personal protective equipment (refer to section 8). Ensure proper ventilation.

6.2 Environmental Precautions

Avoid release to the environment

6.3 Methods and material for containment and cleaning-up

Soak up with inert absorbent material and dispose of as hazardous waste (refer to section 13). Clean contaminated surface thoroughly with water.

6.4 Reference to other sections

Refer to sections 8 and 13.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Following Good Laboratory Practices (GLP). Avoid contact with skin, mucous membranes, eyes and clothes by wearing a lab coat and disposable gloves. Wash hands before and at the end of work. Do not eat, drink or smoke in the laboratory.

7.2 Conditions for safe storage, including any incompatibilities

Store in original packaging at +2-8°C.

7.3 Specific Use(s)

For in vitro diagnostic use. See Instructions For Use (IFU). For veterinary and research use only.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

This product does not contain any quantity of material or element that exceeds the regulatory exposition cut-off level or that has to be monitored in the workplace.

8.2 Exposure controls

Use personal protective equipment in the laboratory.

General protective and hygienic measures: Follow good laboratory practices (GLP). Wash hands before and after work.

Respiratory protection: applicable. Ensure adequate ventilation.

Eye/Face protection: Use safety glasses.

Hand protection: Use rubber or latex gloves.

Body protection: Wear a lab coat.

8.3 Environmental exposure controls

Not determined.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State: R1 & R2 liquid

Appearance: R1 & R2 clear

Odor: odorless

Flash point: not applicable

Self-igniting: not self-igniting

Danger of explosion: no explosion hazard

Melting point: 0°C, similar to water

Boiling point: 100°C, similar to water

Vapor pressure: 23hPa, similar to water

Density (20°C): 1.0 g/cm^3, similar to water

pH-value at 20°C: R1 & R2 7.6

Solubility in water: fully miscible

9.2 Other safety information

Other physical-chemical data were not determined.

10 STABILITY AND REACTIVITY

10.1 Reactivity

The product is stable in accordance with the recommended storage conditions.

10.2 Chemical stability

The product is stable in accordance with the recommended storage conditions.

10.3 Possibility of hazardous reactions

Not known.

10.4 Conditions to avoid

Not known.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

Not known.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity: Data not available.

Irritation/after skin contact: Not determined

Irritation/after eye contact: Not determined

Irritation/after inhalation: Not determined

Corrosivity: None known

Sensitization: No sensitizing effects known

Repeated dose toxicity: Data not available

Carcinogenicity: None known

Mutagenicity: None known

Toxicity for reproduction: None known

12 ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Quantitative data not available.

12.2 Persistence and degradability

Data not available.

12.3 Bioaccumulation

Does not accumulate in organisms.

12.4 Mobility in soil

Data not available.

12.5 Results of PBT and vPvB assessment

Data not available.

12.6 Other adverse effects

Data not available.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product: After use, the product shall be handled routinely as contaminated waste. Such waste must be disposed of in accordance with all local laws and national regulations. To ensure compliance contact your local authorities for approved waste disposal information.

Packaging: Non-contaminated packaging materials can be recycled. Contact your local service providers for more information.

14 TRANSPORT INFORMATION

14.1 UN-Number

Not applicable

14.2 Maritime Transport IMDG

No constraints

14.3 Transport by road ADR

No constraints

14.4 Transport by train OAC/IATA

No constraints

14.5 Air transport RID

No constraints

14.6 Special precautions for user

Refer to sections 6-8.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulation/legislation specific for the substance or mixture

This product does not require special labeling, in accordance with the appropriate EC directives.

15.2 Chemical safety assessment

The mixture was not subjected to security assessment.

16 OTHER INFORMATION

16.1 General information

The information and recommendations presented in this MSDS is based on our current knowledge and sources believed to be accurate on the date of publication. It is always the user's responsibility to determine the suitability of the information for their particular purpose and to follow all National laws and guidelines applicable.

16.2 Hazard statements

H225: Highly flammable liquid and vapor.

H301: Toxic if swallowed.

H311: Toxic if contact with skin.

H331: Toxic if inhaled.

H370: Causes damage to organs.

H371: May cause damage to organs.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

16.3 Risk phrases

R28: Very toxic if swallowed

R32: Contact with acids liberates very toxic gas

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

16.4 Safety phrases

Not applicable