



# MATERIAL SAFETY DATA SHEET

## 1 PRODUCT AND COMPANY IDENTIFICATION

### 1.1 Product identifier

Product name: eurisTest™ Lateral Flow Canine C-Reactive Protein (cCRP)

Article number: 2520-01

Components: Lateral flow test cassette  
Lateral flow buffer

### 1.2 Intended use

The product is a rapid later flow immunoassay for the qualitative, in vitro determination of cCRP in canine (dog) whole blood, 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, 4<sup>th</sup> Floor  
SE-223 60 Lund, Sweden  
Tel: +46 46 286 2230  
Email: [info@euris.org](mailto:info@euris.org)  
Web: [www.euris.org](http://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 pictograms 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 pictograms and Signal word:** Not applicable

**Hazard statements:** Not applicable

**Precautionary statements:** Not applicable

**Risk and safety phrases:** Not applicable

### 2.3 Other hazards

Not applicable

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS no.	EINECS no.	Class	Amount
Sodium Chloride	7647-14-5	231-598-3	Hazardous Classification: [Xi]; Risk Phrases: R36/38	0.9%

For the wording of hazardous and risk phrases refer to section 16. The lateral flow buffer contains 0.9% NaCl. The lateral flow cassette contains: 1. a nitro-cellulose membrane coated with antibodies and cellulose absorbent and 2. a membrane pad pre-dried with colored gold particle antibody conjugates.

## 4 FIRST AID MEASURES

### 4.1 Description of first aid measures

Only after serious misuse of the later flow test cassette (by where it has been disassembled and the membrane exposed) and the lateral flow buffer, are the following first aid measures warranted.

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

**Skin Contact:** Wash with soap and plenty of water. Consult a physician for further complaint.

**Eye Contact:** Rinse thoroughly with water for several minutes. Consult a physician for further complaint.

**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. Treat symptomatically.

## 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 (COx) and nitrogen oxides (NOx) 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).

### 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.

## 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, 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 a dry place at +2-30°C. Avoid direct exposure to sunlight.

### 7.3 Specific Use(s)

Only use provided diluent for sample dilution. 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 exposure:** Not applicable

**Skin exposure:** Use disposable gloves and wear a lab coat.

**Eye exposure:** Use safety glasses.

### 8.3 Environmental exposure controls

Collect later flow test cassette and buffer in containers according to official local regulations.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### 9.1.1 Later flow test cassette:

<b>Physical State:</b> solid	<b>Appearance:</b> white test strip housed in plastic holder
<b>Odor:</b> odorless	<b>Flash point:</b> not applicable
<b>Self-igniting:</b> not self-igniting	<b>Danger of explosion:</b> no explosion hazard
<b>Melting point:</b> not applicable	<b>Boiling point:</b> not applicable
<b>Vapor pressure:</b> not applicable	<b>Density (20°C):</b> not applicable
<b>pH-value at 20°C:</b> not applicable	<b>Solubility in water:</b> not soluble

#### 9.1.2 Later flow buffer:

<b>Physical State:</b> liquid	<b>Appearance:</b> clear
<b>Odor:</b> odorless	<b>Flash point:</b> not applicable
<b>Self-igniting:</b> not self-igniting	<b>Danger of explosion:</b> no explosion hazard
<b>Melting point:</b> 0°C, similar to water	<b>Boiling point:</b> 100°C, similar to water
<b>Vapor pressure:</b> 23hPa, similar to water	<b>Density (20°C):</b> 1.0 g/cm <sup>3</sup> , similar to water
<b>pH-value at 20°C:</b> 7.0, similar to water	<b>Solubility in water:</b> 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.



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### 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.

**Sensitization:** No sensitizing effects known

**Irritation/after skin contact:** Irritating effect

**Repeated dose toxicity:** Data not available

**Irritation/after eye contact:** Irritating effect

**Carcinogenicity:** None known

**Irritation/after inhalation:** Irritating effect

**Mutagenicity:** None known

**Corrosivity:** None known

**Toxicity for reproduction:** None known

## 12 ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity

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

### **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.

#### **16.2 Hazard statements**

[Xi] Irritant

#### **16.3 Risk phrases**

R36/38 Irritating to eyes and skin

#### **16.4 Safety phrases**

Not applicable