

## Ordering information

Referens	Cat. Nr	Kit size
Diasystem Vet Canine CRP Calibrator Kit	1001	6 x 0,5mL

## Intended Use

The Diasystem Vet canine CRP Immunoassay is an in vitro diagnostic test for quantitative determination of canine CRP in dog serum and plasma.

## Calibrator Kit Intended Use

The Diasystem Vet canine CRP Calibrator Kit is intended to be used to establish a calibration curve for measuring canine CRP concentration in dog serum or plasma with the Diasystem Vet canine CRP immunoassay.

## Reagents

### Calibrator Value Assignment

The calibrator values given in the enclosed Analytical Value Sheet are assigned according to Diasystem Vet's internal value transfer protocol.

### Calibrator Standardization

Diasystem Vet canine CRP calibrator values are established based on internal canine CRP reference material. No international standard is available for canine CRP.

### Materials required but not provided

Diasystem Vet Canine CRP Immunoassay	REF 1000
Diasystem Vet Canine CRP Control kit	REF 1002
General laboratory equipment	

### Composition

The Diasystem Vet canine CRP calibrators contain canine CRP in a protein enriched phosphate buffer. The calibrators are ready for use.

### Warnings and Precautions

1. This test is for in vitro use only and must be handled by qualified personnel.
2. The immunoparticles, calibrators and controls contain potentially infectious substances of animal origin (avian, canine, bovine) and should be handled with due caution. Disposal of any discarded materials should be in accordance to local requirements.
3. Use only instrument applications validated and approved by Diasystem Vet AB.
4. Avoid using highly lipemic, icteric or hemolytic samples.
5. Avoid evaporation of calibrators. Screw carefully after use.
6. All reagents in use must be stored at 2 – 8 °C.
7. Reagents containing MOPS can be irritating to eye and skin. Handle with due caution.
8. Do not interchange screw caps of reagents, controls and calibrators.
9. Do not use reagents after expiration date has passed.
10. Do not mix reagents of different reagent lots.

### Material Storage and Stability

All materials provided for the Diasystem Vet canine CRP test must be stored at 2-8°C. The expiry date is printed on the labels.

## Instruction for Use

### Application Notes

Methods for the Diasystem Vet canine CRP Immunoassay are established on multiple clinical chemistry analysers. Detailed, validated application notes describing the procedures for installation and analysis on specific instruments are available upon request from [info@diasystem.se](mailto:info@diasystem.se).

### Establishment of the Calibration Curve

Use the calibrators 1 to 6 to establish a 6-point standard curve as defined in the application note and the systems instrument manual. Use the needed amount of calibrators in aliquots and do not pipette back any remainder into the calibrator vials. This should be performed once every 4th week. Calibrator values are lot dependent and a new calibration must be performed whenever a new calibration lot and/or new reagent kit lot is used. The calibrator's assigned values are given on the Analytical Value Sheet provided with the calibrator.

### Quality Controls

The Diasystem Vet canine CRP controls (REF 1002) should be assayed every day the assay is in use to validate the calibration curve. The controls have an assigned value range that must be met before measuring samples. The assigned values are given in the Analytical Value Sheet provided with the controls. If the control values measured are not valid, repeat the control measurements. Recalibrate if necessary. If the calibration cannot be performed without error, or valid control values cannot be reproduced, contact the local distributor for support.

### Manufacturer

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### Value sheet

	LOT	Exp date	Value	Unit
Calibrator LO	2002	2022-04-02	0.0	mg/L
Calibrator L1			10.0	
Calibrator L2			30.0	
Calibrator L3			78.0	
Calibrator L4			155.0	
Calibrator L5			310.0	