



NycoCard™ CRP QUICK REFERENCE GUIDE



Preparing for analysis

NycoCard™ CRP Test Kit

- Store the test kit refrigerated (2-8 °C) until the expiry date.
- Avoid direct sunlight or exposure to temperatures above 25 °C.
- Do not freeze.
- **R1/Dilution Liquid** can be stored refrigerated or at room temperature (2-25 °C).
- Equilibrate to room temperature (20-25 °C) before use.
- **TD/Test Device** can be stored refrigerated (2-8 °C) until expiry date or 6 weeks at 15-25 °C (refrigerate at the end of the working day).
- Can be used cold or equilibrated to room temperature.
- The sealing foil should be removed immediately before use.
- **R2/Conjugate** can be stored refrigerated (2-8 °C) until expiry date or 6 weeks at 15-25 °C (refrigerate at the end of the working day).
- Can be used cold or equilibrated to room temperature.
- **R3/Washing Solution** can be stored refrigerated (2-8 °C) until expiry date or 6 weeks at 15-25 °C (refrigerate at the end of the working day).
- Can be used cold or equilibrated to room temperature.

Patient Sample

- Capillary blood, venous blood with or without anticoagulant (heparin, citrate or EDTA), serum and plasma (heparin, citrate or EDTA) can be used.

Afinion™ CRP Control

- Store the controls refrigerated (2-8 °C). Opened controls are stable for 4 weeks.
- The control can be used directly from the refrigerator.
- The measured value should be within the acceptable range stated in the Afinion™ CRP Control Package Insert.

NycoCard™ READER II

- Turn on the instrument.
- The adjusting step and white calibration have to be done before measuring the NycoCard Test.
- Analyse the patient samples and controls following the test procedure on the reverse side.



Consult the NycoCard™ User Instructions for complete information:

- NycoCard CRP Package Insert
- Afinion CRP Control Package Insert
- NycoCard Reader II User Manual

Testing Procedure

1 Dilute sample



Fill a 5 µL capillary with patient sample or Afinion CRP Control, and drop the capillary into the tube with R1/Dilution Liquid. Close the tube and mix well for 10 seconds.

Note: Avoid air bubbles in the capillary and excess sample on the outside of the capillary.

2 Apply sample



Apply 50 µL diluted sample or diluted Afinion CRP Control to the TD/Test Device. Allow the sample to soak into the membrane (approx. 30 seconds).

Note: Avoid air bubbles on the membrane. Do not touch the membrane with the pipette tip.

3 Apply Conjugate



Apply one drop R2/Conjugate to the TD/Test Device. Allow the reagent to soak into the membrane (approx. 30 seconds)

Note: The droplet bottle should be held vertically, about 1 cm above the membrane.

4 Apply Washing Solution



Apply one drop R3/Washing Solution to the TD/Test Device. Allow the reagent to soak into the membrane (approx. 20 seconds).

Note: The droplet bottle should be held vertically, about 1 cm above the membrane.

5 Read the result



Read the result within 5 minutes using the NycoCard Reader II. Follow the NycoCard Reader II User Manual.

Note: Place the TD/Test Device on the Reader Pad. Calibrate the instrument before use. Use the “CRP Whole blood” menu for reading whole blood samples, and the “CRP serum/Plasma” menu for reading serum or plasma samples and the Afinion CRP Control. Hold the Reader Pen steady during the measurement.