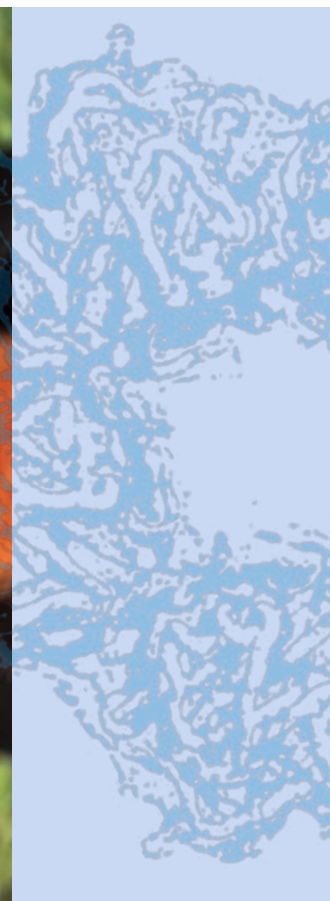


- QuikRead® CRP
- QuikRead® U-ALB
- QuikRead® FOB

QuikRead®

**Quantitative CRP result
exactly when you need it.**



QuikRead® CRP

- small fingerstick blood sample
- result in less than 3 minutes
- as accurate as a laboratory test
- guides the use of antibiotics
- simple to operate – even by non-laboratory personnel



QuikRead® CRP

Measurement of C-reactive protein (CRP) is helpful in the clinical management of a patient with infection symptoms. CRP is normally present at very low concentrations in the blood of healthy people. CRP concentrations are markedly increased in bacterial infections, whereas viral infections mostly induce a very modest elevation or none at all. In addition to clinical signs, measurement of CRP can therefore be used as a basic tool to distinguish bacterial infections from viral infections. Monitoring CRP levels also provides an objective means of assessing treatment response, as CRP levels fall rapidly as a result of effective therapy.

QuikRead CRP is a simple test for quantitative measurement of CRP. The system – consisting of a small instrument and a ready-to-use kit – is especially designed for use in primary health care settings. When the test is performed near the patient, the result will be available during patient consultation and can therefore, for example, effectively guide antibiotic use. Being instantly ready for operation and giving immediate test results, QuikRead CRP is also a useful adjunct in larger laboratories.

Features

- performed on a fingerstick blood sample (alternatively serum or plasma sample)
- reproducible & quantitative CRP result within the 8-160 mg/l range
- no need to wait for a laboratory result
- results as accurate as those obtained by central laboratory clinical chemistry analysers
- easy to use: no pipetting of reagents, built-in calibration, instrument robust and simple to operate.

Product	Cat. No.
QuikRead 101 Instrument <ul style="list-style-type: none"> • includes adapter, accuracy dispenser, manual and dust cover • can be operated on 8 x AA (1.5) batteries or an 100-240 AC power supply • with connections to an external printer and pc • weight 1.3 kg, size 20 x 13 x 7 cm 	06040
QuikRead CRP Kit, 50 tests (with capillaries and plungers)	67961
QuikRead CRP Kit, 50 tests (without capillaries and plungers)	68789
QuikRead CRP Control, 1 ml <ul style="list-style-type: none"> • recommended for quality control 	68296
QuikRead QuikLink Setup Wizard	06100
QuikRead QuikLink bar code reader <ul style="list-style-type: none"> • connectivity to pc, electronic patient record or LIS/HIS 	06109
QuikRead Capillaries, 50 pcs	67962
QuikRead Plungers, 50 pcs	67966
QuikRead Dispenser, 1 ml	05560
QuikRead Workstation	06159

Literature

- Bjerrum L et al. C-reactive protein measurement in general practice may lead to lower antibiotic prescribing for sinusitis. *Br J Gen Pract* 2004;54:659-662.
- Esposito S et al. Evaluation of a rapid bedside test for the quantitative determination of C-reactive protein. *Clin Chem Lab Med* 2005;43(4):438-440.
- Marcus N et al. Validity of the quick-read CRP test in the prediction of bacterial pneumonia and gastroenteritis in the pediatric emergency department. *Eur J Emer Med* 2005;12:208.
- Mészner Z, Kovács T. C-reactive protein quick test, as a diagnostic aid in primary paediatric care in Hungary. Poster presented at the 24th ESPID, Basel, Switzerland 3-5 May 2006.
- Pepys MB. The acute phase response and C-reactive protein. In: Warrell DA, Cos TM, Firth JD, Benz EJ, eds. *Oxford Textbook of Medicine*, 4th ed. Oxford University Press, 2003. Vol 2, p. 150-156.
- Philip AGS, Mills PC. Use of C-reactive protein in minimizing antibiotic exposure: experience with infants initially admitted to a well-baby nursery. *Pediatrics* 2000;106:E4.
- Rogic D et al. The role of point of care CRP determination in the assessment of acute respiratory tract infections in children. Poster presented at the 16th IFCC-FESCC European Congress of Clinical Chemistry & Laboratory Medicine, Glasgow 8-12 May 2005.
- Seamark DA et al. Field-testing and validation in a primary care setting of a point-of-care test for C-reactive protein. *Ann Clin Biochem* 2003;40:178-180.
- Sormunen P et al. C-reactive protein is useful in distinguishing Gram stain-negative bacterial meningitis from viral meningitis in children. *J Pediatr* 1999;134:725-729.

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 **Orion Diagnostica**

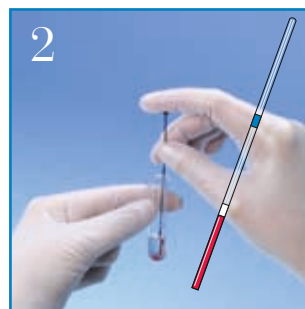


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Test procedure



Dispense 1 ml of the ready-to-use buffer into the cuvette.



Add 20 µl of sample. Put the cap on and mix gently. Wait until the whole-blood solution clears up as a result of haemolysis. Insert the cuvette in the measurement well of the instrument. The instrument measures the sample blank within 40 seconds.



Add reagent by pressing down the inner part of the cap. Take out the cuvette and mix the contents very rapidly by shaking the cuvette vigorously. Place the cuvette in the measurement well of the instrument.



The quantitative CRP result can be read within 2 minutes.

QuikRead®