

C-REACTIVE PROTEIN (CRP)

Turbidimetry
LATEX

The application parameters comprised here constitute a guide to facilitate the validation of our reagents by the instrument. It is advisable to validate the use when there is any change in software or reagent versions.

Instrument: **MONARCH**

Reagent preparation

Working Reagent: Pour the contents of a Latex vial into a Diluent bottle. Mix thoroughly.
Stable for 20 days at 2-8 °C.

Instrument settings

| | | | |
|----------------------------------|---------------------|--------------------------------------|-----------------|
| Identification parameters | | Data acquisition parameters | |
| Test code | ... | Analysis type | MIX |
| Test name | C-REACTIVE PROTEIN | | RUN |
| Test mnemonic | CRP | Temperature | 37°C |
| Optical mode | ABSORBANCE | Delay time | 120 sec |
| Response algorithm | FINAL-INITIAL | Interval time | 10 sec |
| Result algorithm | LINEAR | N° of data pts. | 2 |
| Loading parameters | | Filter 1 | 600 nm |
| Loading type | LOAD | Filter 2 | 550 nm |
| | ANALYZE | Monochromator 1 | 600 nm |
| Reagent blank | ON | Monochromator 2 | 550 nm |
| Reference type | DILUENT | Compatibility | 10 |
| Calibrator type | TEST-SPECIFIC (...) | Data integrity parameters | |
| Sample volume | 2 µL | Integrity tests | SLOPE |
| Sample diluent | 38 µL | | NORMAL RANGE |
| Reagent diluent | 10 µL | | MINIMUM ABS/INT |
| 1 st reagent (R1) | 200 µL | | MAXIMUM ABS/INT |
| 2 nd reagent (R2) | 0 µL | Integrity parameters | |
| 1 st reagent bar code | ... | Slope | POSITIVE |
| 2 nd reagent bar code | ... | Lower limit | 0 mg/L |
| Data fit parameters | | Upper limit | 5.0 mg/L |
| Calibrator | ... | Minimum abs/int | 0.0 |
| Correction mode | NONE | Maximum abs/int | 0.1 |
| Units | mg/L | ... To be introduced by the operator | |
| N° of dec. Places | 1 | | |