



ABXMICROCRP200

For a rapid diagnostic

18 parameters & CRP (C-Reactive Protein)

Simultaneous CBC & CRP

- **Single tube operation** : Whole blood (EDTA)
- **Single microsample** : CBC – 10 μ L; CBC + CRP - 18 μ L
- **Fast and efficient process** : No centrifugation
- **Inflammation testing** : CBC and CRP

- **Compact analyzer**
- **Integrated reagents**
- **Reliable results**
- **"Zero maintenance" compact data management system**

Physical Specifications :

- **Power requirement** : Power supply from 100 Vac to 240 Vac +/- 10%
 - 50 Hz to 60 Hz.
 - Power consumption Maximum 230 VA.
 - Operating Temperature and Humidity : 18°C - 30°C (64°F-86°F) room temperature.
 - Maximum relative humidity 80% for temperature up to 31°C (88°F) decreasing linearly to 50% relative humidity at 40°C (104°F).
- **Dimensions and Weight:**
Weight : 40 lbs.
Dimensions : W 11.8 x H 16.7 x D 15.7 in
- **Memory** :
 - QC (CBC) and QC (CRP) modes: 30 samples
 - CBC and CBC+CRP modes: 50 samples

Measurement Mode :

- **CBC mode** 18 parameters with graphics for RBC, PLT and WBC populations.
RBC, WBC, PLT, HGB, HCT, MCV, MCH, MCHC, PCT, MPV, PDW, RDW, Lymphocytes (% and #), Monocytes (% and #), Granulocytes (% and #).
- **CBC & CRP mode** 18 parameters & CRP
- **Sample-Volume** :
 - CBC mode : 10 μ l
 - CBC & CRP mode : 18 μ l

- **Measurement item** : WBC, RBC, HGB, HCT, PLT, CRP (C-reactive protein) MCV, MCH, MCHC, RDW, MPV, LYM%, LYM#, MON%, MON#, GRA%, GRA#, PCT*, PDW*.
*: RUO parameters (Research Use Only)

Methods and technology

- WBC, RBC and PLT : Impedance
HGB : Spectrophotometry (Cyanmethemoglobin method)
HCT : Numeric integration
CRP : Latex immuno turbidity rate method
MCV, MCH, MCHC, RDW, MPV, PCT* and PDW*.
Calculations.
*: RUO parameters (Research Use Only)
- **Sample processing** : On open tube with 4 position tube holder (QC, 500 µL, 3 mL, 5 mL)
- **Throughput analyses** :
 - CBC mode: Within 1 min, 15-sec (48 samples/hour)
 - CBC + CRP mode: Within 4min, 30-sec (14 samples/hour)

Parameters

Linearity	
WBC	0 - 80 x 10 ³ / mm ³ -
RBC	0 - 7.5 x 10 ⁶ / mm ³ -
HGB	0 - 23 g / dL -
HCT	0 - 62.4%
PLT	0 - 900 x 10 ³ / mm ³ -
CRP (Whole Blood)	2 - 20 mg/L-
CRP (Serum)	2 - 15 mg/L-

(To measure up to 20 mg/L, Hct value of sample must be more than 23%.)

Performance

Reproductibility

Parameters	Precision (cv %)	Range
WBC	< 2.5%	4.75 - 12.3 x 10exp3/mm3 -
RBC	< 2%	4.0 - 5.0 x 10exp6/mm3 -
HGB	< 1.7%	12.0 - 16.6 g/dl -
HCT	< 2%	37 - 50%
PLT	< 5%	150 - 355 x 10exp3/mm3 -
CRP	< 10%	10 mg/L -
	< 4%	50 mg/L -
	< 8%	120 mg/L -

Advantages of CRP combined with CBC

- Quantitative and accurate CRP result,with hematocrit reading
- Precision of CRP compared to ESR
- More accurate information concerning inflammation
- Ability to control antibiotic therapy
- Ability to eliminate unnecessary antibiotic therapy

Reagents

Ref.	Designation	Packaging
0403010	ABX MINICLEAN 1L	1 x bottle (1 liter)
0702010	ABX MINILYSE LMG 1L	1 x bottle (1 liter)
0906012	ABX LYSEBIO 1L	1 x bottle (1 liter)
0802010	ABX MINIDIL LMG 10L	1 x cubitainer (10 liters)
0501005	ABX CRP-100	1 x kit

Controls and Calibrators

Ref.	Designation	Packaging
2012202	MINOTROL 8 TWIN-PACK (2N) 2 ml	2x2 ml
2012204	MINOTROL 8 TWIN-PACK 1L1H 2 ml	2x2 ml
2042202	MINOTROL 16 TWIN-PACK (2N) 2 ml	2x2 ml
2042202	MINOTROL 16 TWIN-PACK 1L1H 2 ml	2x2 ml
2205002	MINOTROL 8 COFFRET G (5N) 2 ml	5 x 2 ml
2207123	MINOTROL 0 COF. H (5N1H1L) 2 ml	7 x 2 ml
2211123	MINOTROL 8 COF. I (5N3HL) 2ml)	11 x 2 ml
2405002	MINOTROL 16 COFFRET G (5N) 2 ml	5 x 2 ml
2407123	MINOTROL 16 COF. H (5N1H1L) 2ml	7 x 2 ml
2411123	MINOTROL 16 .I (5N3H3L) 2ml	11 x 2ml
2032002	MINOCAL 2 ml	1 x 2 ml
0501008	KIT CRP Cal	1 VIAL x 0,5 ml
0501009	KIT CRP Trol H	1 VIAL x 0,5 ml
0501010	KIT CRP Trol L	1 VIAL x 0,5 ml



For More Information Contact:

The Infolab Distribution Center Nearest You

Clarksdale, MS
Toll Free: 1-800-647-8222
Phone: (662) 627-2283
Fax: (662) 627-1913
Email:
infolabms@infolabinc.com

Fort Oglethorpe, GA
Toll Free: 1-800-241-8953
Phone: (706) 861-5046
Fax: (706) 866-5234
Email:
infolabga@infolabinc.com

Greensboro, NC
Toll Free: 1-800-782-9700
Phone: (336) 272-2874
Fax: (336) 274-9473
Email:
infolabnc@infolabinc.com

Round Rock, TX
Toll Free: 1-800-322-3882
Phone: (512) 255-7994
Fax: (512) 244-9659
Email:
infolabtx@infolabinc.com

Ocala, FL
Toll Free: 1-800-734-7584
Phone: (352) 237-9654
Fax: (352) 237-9733
Email:
infolabfl@infolabinc.com

Zionsville, IN
Toll Free: (866) 232-7096
Phone: (317) 873-4400
Fax: (317) 873-4443
Email:
infolabnc@infolabinc.com