



Inflammatory Markers

Single Panel Test Cartridge

Advantages

- ◆ Easy to Use, Results within 3 min.
- ◆ Whole Blood Test without Centrifuging.
- ◆ Room Temperature Storage.
- ◆ Different Accessories Provided.
 - CRP&SAA Test with Capillary Tube Provided.
 - PCT Test with Special Dropper Provided.



PCT hsCRP/CRP SAA Total IgE CRP/SAA IL-6

2 in 1 Test Cartridge

Advantages

- 2 Results in One Test within 3 min.
- Whole Blood Test without Centrifuging.
- Capillary Tube Provided.
- Room Temperature Storage.
- 2 in 1 Test Kit, Easy to Distinguish Bacterial and Viral Infections



Comparison between CRP SAA and PCT

Markers	CRP	SAA	PCT
Synthetic Site	Liver	Liver	Thyroid C cells
Characteristic	Increased with bacterial infection	Increased with bacterial and viral infection	Increased with severe bacterial infection
Half-Period	18 hours	1 hour	22-26 hours

Products Performance

Test Item	Specimen Type	Reaction Time	Linear Range	Qualification
PCT	Plasma/Serum 50µL WB 80µL	15 min	0.1-100ng/mL	NMPA CE ISO13485
CRP	Plasma/Serum 3µL WB 5µL	3 min	0.5-200mg/L	NMPA CE ISO13485
SAA	Plasma/Serum 3µL WB 5µL	3 min	1-200mg/L	NMPA CE ISO13485
CRP/SAA	Plasma/Serum 3µL WB 5µL	3 min	CRP:5.0-200.0mg/L SAA:1.0-200.0mg/L	NMPA CE ISO13485
Total IgE	Plasma/Serum 20µL WB 30µL	12 min	1-1000IU/mL	CE ISO13485
IL-6	Plasma/Serum	15 min	5-1000pg/mL	ISO13485

Test Procedure of Capillary Tube



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| ① Breaking through the foil cover with capillary tube. | ② Taking 5µL of whole blood specimen with capillary tube. |
| ③ Adding the specimen into buffer and tightening it up. | ④ Mixing well the sample and throwing away first 2 drops sample. |
| ⑤ Dropping 3 drops sample into the well of cartridge. | ⑥ Inserting test cartridge into analyzer's inlet and starting test. |