ECP

Eosinophil Cationic Protein

CE

Brief Instruction

Assay Total Time: ca. 3 hours

Preparations:

1) Allow microwell plate, reagents and patient sera to come to room temperature

2) Shake sample buffer well !

3) Dissolve 75 mL (1 bottle) washing buffer concentrate in 5 L aqua dest.

Assay Procedure:

1) - **pipet 100 µL** calibrators (1,2,3,4), controls into intended wells and

2) - **pipet 20 µL** patient samples into intended wells.
   - **pipet 80 µL** sample buffer to patient samples. Shake plate

3) Incubation 1: cover plate with lid and incubate **1 hour** at room temperature

4) Wash plate 5 times with each 400 µL (automated washer in overflow mode)

5) **- pipet 100 µL** conjugate per well

6) Incubation 2: cover plate with lid and incubate **1 hour** at room temperature

7) Wash plate 5 times with each 400 µL (automated washer in overflow mode)

8) **- pipet 100 µL** subtrate solution per well

9) Incubation 3: cover plate with lid and incubate 10 minutes at room temperature under exclusion of light

10) **- pipet 100 µL** stopping solution per well

11) Measurement of plate at 450 nm (620 nm reference wavelength)

12) Data analysis supported by computer software

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