CE

Brief Instruction

Preparations:

1) Allow microwell plate, reagents and patient sera to come to room temperature / shake all components

2) Shake sample buffer well!
Dissolve patient sera with sample buffer (1:100).
This corresponds to 15 µL serum in 1,5 mL sample buffer (for 25 determinations)

3) Dissolve 1 bottle of washing buffer concentrate in 5 liter aqua dest.
Amount is sufficient for 2 plates. Durability: 1 week at room temperature

4) Dissolve 1 tablet p-NPP in one bottle substrate buffer.
Amount is sufficient for 200 determinations (2 plates)

Assay Procedure:

1) Aspirate remaining supernatant of disc buffer from wells

2) **Pipet 50 µL** calibrators, controls and patient serum into intended wells

3) Incubate **1 hour** at 37 - 40°C. Cover plate with lid

4) Wash plate 6 times with each 1000 µL (automated washer in overflow mode)

5) **Pipet 50 µL** conjugate per well
Incubate 1 hour at 37 - 40°C. Cover plate with lid

6) Wash plate 6 times with each 1000 µL (automated washer in overflow mode)

7) Shake substrate solution well.
Pipet 100 µL substrate solution per well and
Incubate 45 minutes at 37 - 40°C. Cover plate with lid

8) **Pipet 50 µL** stopping solution per well und shake plate briefly

8) Plate measurement at 405 nm (620 nm reference wavelength)

9) Data analysis supported by computer software

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