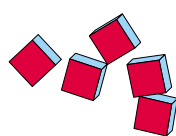


Progesterone

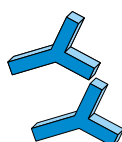


- Quantitative determination of progesterone levels in serum
- Analytical sensitivity: 0.08 ng/mL
- Time to first result: 30 minutes
- Calibration stability: 28 days
- Dynamic range: 0.08-40 ng/mL

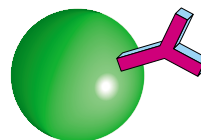
1 step
competitive
binding
technique



Sample
containing
progesterone



Rabbit anti-
progesterone



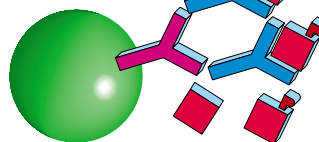
Paramagnetic particles
coated with goat
anti-rabbit IgG



Progesterone -
alkaline phosphatase
conjugate

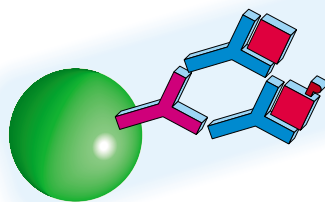


Mix and incubate
at 36.5°C for 15 minutes



Competitive
binding

Wash
3 times



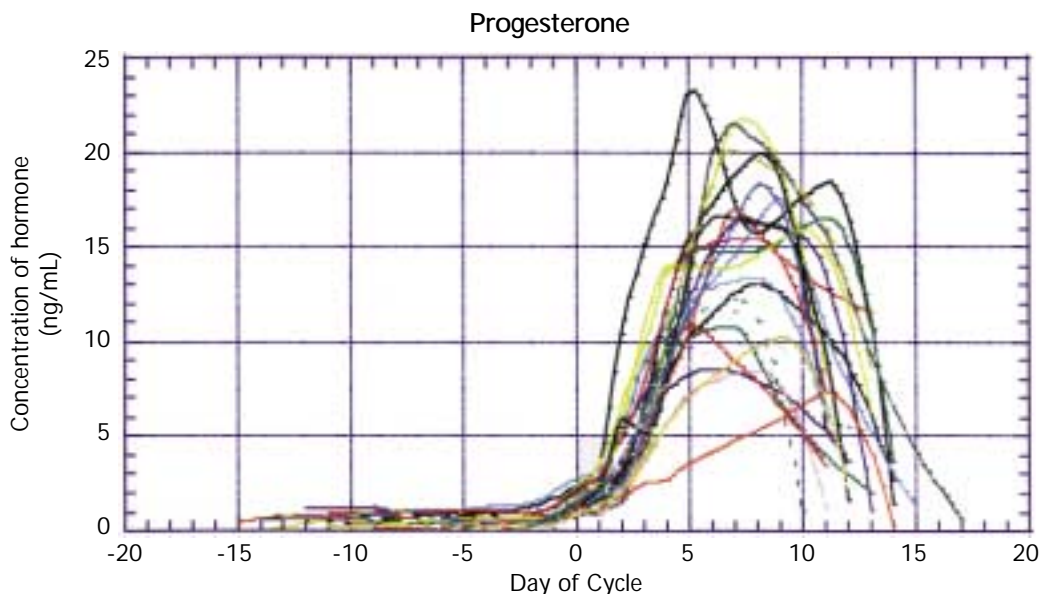
+ Add
substrate → Incubate
5 minutes

Dioxetane-P → Dioxetane

Read light

Signal produced is inversely proportional to the progesterone concentration in the sample

Performance



The different lines indicate progesterone levels of 20 women during the menstrual cycle.

Characteristics

Sample Type/Size	Serum/20 μ L
Time to First Result	30 minutes
Analytical Sensitivity	0.08 ng/mL
Calibrator Levels	0, 1.0, 4.0, 10, 20 and 40 ng/mL
Open Pack Stability	28 days
Calibration Stability	28 days
Precision, within-run	< 10% CV at approx. 1 ng/mL

Ordering Information

Access® Progesterone - 2 packs of 50 tests/pack	33550
Access® Progesterone Calibrators - 1 vial of 4.0 mL and 5 vials of 2.5 mL/vial	33555
Access® Progesterone Diluent - 1 vial of 4.0 mL	33556

