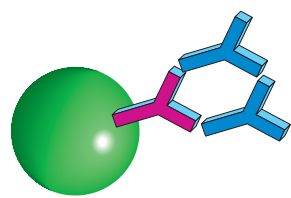




Fast hTSH

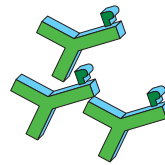
- Requires low volume of sample: 55 μL
- Uses same reagents and calibrators as Access HYPERSensitive hTSH third generation assay
- Able to reflex to HYPERSensitive hTSH
- Time to first result: approximately 20 minutes
- Analytical sensitivity: $< 0.01 \mu\text{IU/mL}$
- Functional sensitivity: $\leq 0.03 \mu\text{IU/mL}$

1 step
sandwich
technique



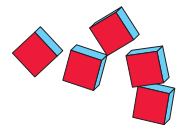
Paramagnetic particles coated with goat anti-mouse IgG/ anti-hTSH MAb complexes

+



Goat anti-hTSH-alkaline phosphatase conjugate

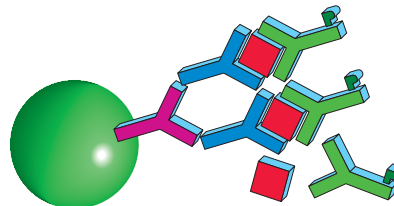
+



Sample containing hTSH



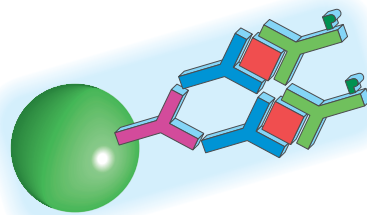
Incubate at $\approx 36.5^\circ\text{C}$ for ≈ 10 minutes



Sandwich formation



Wash 3 times



+

Add substrate \rightarrow Incubate 5 minutes

Dioxetane-P



Dioxetane

Read light

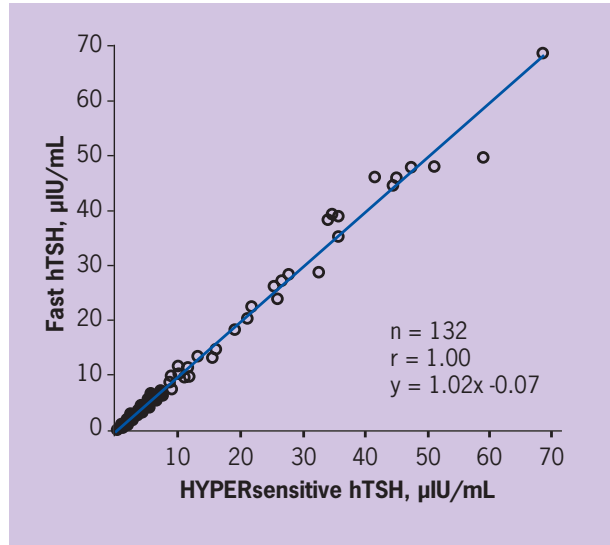


Signal produced is directly proportional to the hTSH concentration in the sample.



Fast hTSH

Performance Method Correlation



Characteristics

Sample Type/Size	Serum or plasma (heparin)/55 µL
Time to First Result	20 minutes
Analytical Sensitivity	0.01 µIU/mL (mIU/L)
Functional Sensitivity	0.03 µIU/mL (mIU/L)
Calibrator Levels	0, approximately 0.1, 0.5, 4, 10 and 100 µIU/mL (mIU/L)
Expected Range	0.34 - 5.60 µIU/mL (mIU/L)
Open Pack Stability	28 days
Calibration Stability	28 days
Precision	< 8% CV

Ordering Information

Access® hTSH - 2 packs of 50 tests/pack	33820
Access® hTSH Calibrators - 6 vials of 4 mL/vial	33825
Access® Sample Diluent A - 1 vial of 4 mL	81908



Eastern Europe, Middle East, North Africa, South West Asia: Switzerland, Nyon (41) 22 994 0707. Australia, Gladesville (61) 2 9844 6000. Canada, Mississauga (1) 905 819 1234. China, Beijing (86) 10 6515 6028. Hong Kong (852) 2814 7431, 2814 0481. France, Villepinte (33) 1 49 90 90 00. Germany, Krefeld (49) 2151 33 35. Italy, Cassina de' Pecchi (Milan) (39) 02 953921. Japan, Tokyo (81) 3 5404 8424. Latin America (1) (305) 380 4709. Mexico, Mexico City (52) 55 560 57770. Netherlands, Mijdrecht (31) 297 230630. Puerto Rico (787) 747 3335. Singapore (65) 6339 3633. South Africa/Sub-Saharan Africa, Johannesburg (27) 11 805 2014. Sweden, Bromma (46) 8 564 85 900. Switzerland, Nyon 0800 850 810. Taiwan, Taipei (886) 2 2378 3456. Turkey, Istanbul (90) 216 309 1900. UK, High Wycombe (44) 01494 441181. USA, Brea, CA (1) 800 352 3433, (1) 714 993 5321.