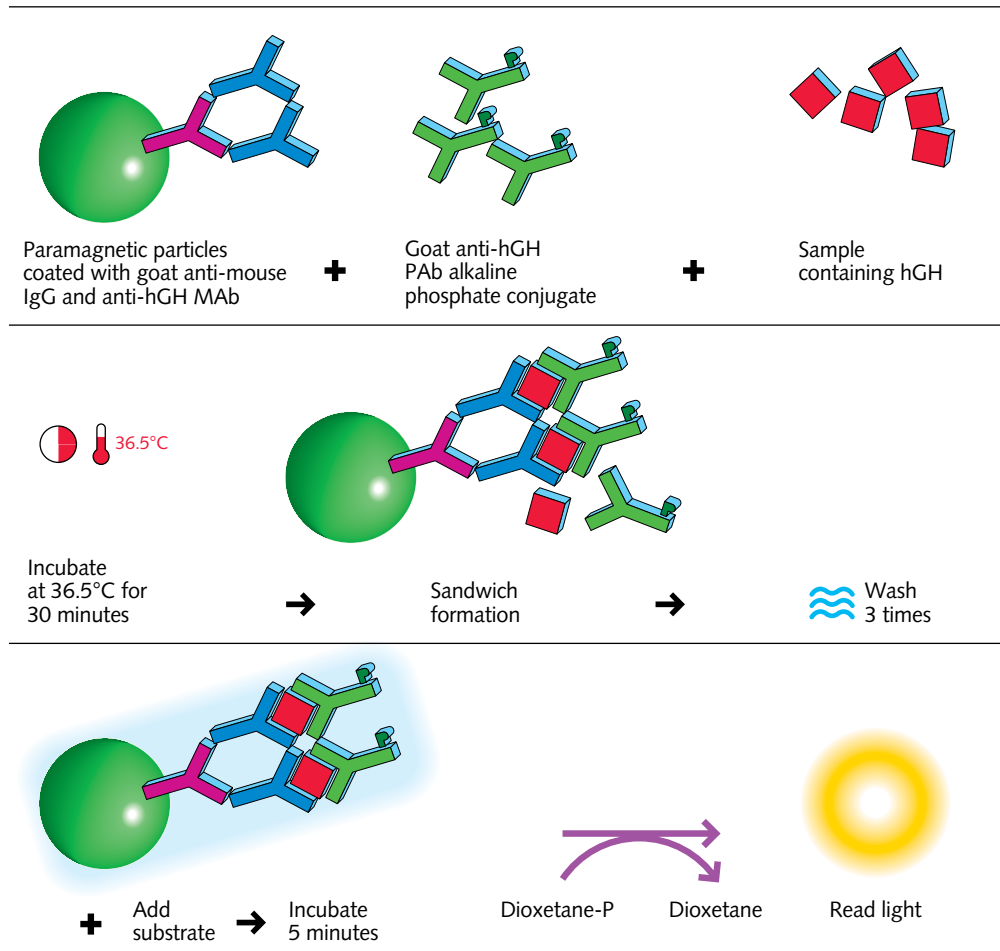


Ultrasensitive hGH

- Quantitative determination of hGH levels in human serum and plasma
- Measurements of hGH are primarily of interest in the diagnosis and treatment of various forms of inappropriate growth hormone secretion
- Time to first result: 42 minutes
- Calibration stability: 56 days
- Analytical sensitivity: 0.003 ng/mL

1 step sandwich technique



Signal produced is directly proportional to the hGH concentration in the sample



Ultrasensitive hGH

Performance Expected Values

1. Each laboratory should establish its own reference ranges to assure proper representation of specific populations.
2. hGH was measured in human serum and plasma samples from apparently healthy male and female subjects, using the Access Ultrasensitive hGH assay. The observed ranges of hGH concentrations are shown below for each population represented.

Reference Group	n	Median Age (years)	Age Range	Mean Dose (ng/mL)	95% Reference Interval
Female	232	43	21-73	0.825	0.014-5.219
Male	242	41	18-66	0.166	0.004-1.406

Analytical Sensitivity

The lowest detectable level of hGH distinguishable from zero (Access Ultrasensitive hGH Calibrator S0) with 95% confidence is 0.003 ng/mL. This value is determined by processing a complete six point calibration curve, controls and 10 replicates of the zero calibrator in multiple assays. The analytical sensitivity value is calculated from the curve at the point that is two standard deviations from the mean measured calibrator signal.

Characteristics

Sample Type/Size	Serum or plasma (heparin) / 25 µL
Time to First Result	42 minutes
Analytical Sensitivity	0.003 ng/mL
Calibrator Levels	0, 0.1, 1.0, 10, 20 and 50 ng/mL
Expected Range	See insert
Open Pack Stability	28 days
Stored Curve Stability	56 days
Precision	< 20% CV

Ordering Information

Access® hGH - 2 packs of 50 tests/pack	33580
Access® hGH Calibrators - 6 vials of 2.0 mL/vial, lyophilized	33585
Access® Sample Diluent A - 1 vial of 4.0 mL	81908



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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.

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