

Performance data sheet

Testnaam Steroïdprofiel panel in serum of plasma

LOINC code	79221-8
Detection limit	11-Deoxycortisol: 0,2 nmol/l 17-Hydroxyprogesteron: 1,5 nmol/l Aldosteron: 5 nmol/l Androsteendion: 0,4 nmol/l Corticosteron: 2,5 nmol/l Cortisol: 10 nmol/l DHEA: 1 nmol/l DHEAS: 0,3 nmol/l Progesteron: 1 nmol/l Testosteron: 0,3 nmol/l
Imprecision	11-Deoxycortisol: Low 0,29 nmol/l: CV% 8,7 Mid 72,6 nmol/l: CV% 2,7 High 145 nmol/l: CV% 3,6 17-Hydroxyprogesteron: Low 0,6 nmol/l: - Mid 75,3 nmol/l: CV% 11,0 High 150 nmol/l: CV% 8,6 Aldosteron: Low 2,8 nmol/l: CV% - Mid 71,4 nmol/l: CV% 12,8 High 140 nmol/l: CV% 13,0 Androsteendion: Low 0,35 nmol/l: CV% 19,1 Mid 87,7 nmol/l: CV% 7,4 High 175 nmol/l: CV% 6,7 Corticosteron: Low 2,9 nmol/l: CV% 11,2 Mid 74,0 nmol/l: CV% 5,1

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High 145 nmol/l: CV% 4,4

Cortisol:

Low 13,5 nmol/l: CV% 4,8

Mid 1357 nmol/l: CV% 5,2

High 2700 nmol/l: CV% 6,5

DHEA:

Low 0,9 nmol/l: CV% 19,7

Mid 35,4 nmol/l: CV% 12,3

High 70 nmol/l: CV% 9,9

DHEAS:

Low 0,1 nmol/l: CV% 15,5

Mid 12,6 nmol/l: CV% 7,3

High 25 nmol/l: CV% 7,0

Progesteron:

Low 0,62 nmol/l: CV% 17,3

Mid 77,8 nmol/l: CV% 13,8

High 155 nmol/l: CV% 9,0

Testosteron:

Low 0,34 nmol/l: CV% 19,7

Mid 85,2 nmol/l: CV% 8,3

High 170 nmol/l: CV% 4,1

Measurement range	11-Deoxycortisol: 0,2 - 100 nmol/l
	17-Hydroxyprogesteron: 1,5 - 155 nmol/l
	Aldosteron: 5 - 70 nmol/l
	Androsteendion: 0,4 - 95 nmol/l
	Corticosteron: 2,5 - 100 nmol/l
	Cortisol: 10 - 2180 nmol/l
	DHEA: 1 - 55 nmol/l
	DHEAS: 0,3 - 25 nmol/l
	Progesteron: 1 - 90 nmol/l
	Testosteron: 0,3 - 165 nmol/l

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Traceability

Aldosteron MW: 360.45 g/mol Sigma, A9477, 25 mg
4-Androsten-3,17-dion (Androsteendion) MW: 286.43 g/mol Fluka, 10340, 1 g
Androsteendion 13C3 MW : 289.4 g/mol Sigma A-084 1 ml
Corticosteron MW: 346.47 g/mol Fluka, 27840, 500 mg
Corticosteron-d8 MW: 354.5 g/mol CDN isotopes
Cortisol -d4 MW: 366.49 g/mol Buchem bv, DLM-2218, 10 mg
Cortisol MW: 362.47 g/mol Sigma, H4001, 1g
11-deoxycortisol MW: 346.47 g/mol Sigma, R0500, 1 g
11-deoxycortisol-d5 MW: 351.5 g/mol Sigma 710784 5 mg
Dehydroepiandrosteron (DHEA) MW: 288.43 g/mol Sigma, D4000, 10 g
Dehydroepiandrosteron-3 sulfaat natriumzout (DHEAS) MW: 390.48 g/mol Sigma, D5297, 1g
17a-hydroxy-progesteron MW: 330.47 g/mol Sigma, H5752, 5g
17a-hydroxy-progesteron-d8 MW: 338.52 g/mol JH Ritmeester bv, D-5650, 10 mg
Progesteron MW: 314.47 g/mol Sigma 1568007, 200mg
Testosteron MW: 288.43 g/mol Sigma 46923, 250 mg
Testosteron-13C3 MW: 291.4 g/mol Sigma T-070