



Stress & Mood Hormones

Cortisol is a steroid hormone that is released with a diurnal cycle. Cortisol levels are upregulated in response to stress and low blood-glucose concentration to increase blood sugar through gluconeogenesis and to suppress the immune system.

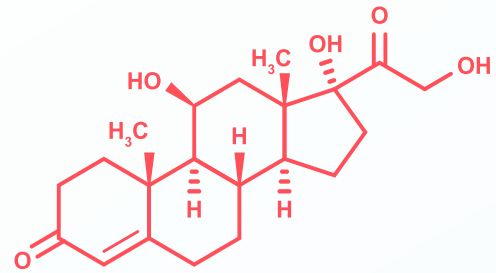
Allopregnanolone is a naturally produced neurosteroid that acts on the brain in the control of neuroendocrine axes. Allopregnanolone levels are reduced in patients with mood disorders, including major unipolar depression and post-traumatic stress disorder (PTSD).

5-Hydroxyindoleacetic acid (5-HIAA) is the major metabolite of serotonin. It can be measured in biofluids as a proxy of serotonin levels, whose fluctuations have been linked to a variety of mood and neuropsychiatric disorders.

Applications

- ▶ Neurological disorders
- ▶ Health & wellness
- ▶ Gut health & wellness

Metabolon



Panel	LLOQ	
	Plasma/Serum	CSF
Cortisol	10.0 ng/mL	0.500 ng/mL
Allopregnanolone	10.0 ng/mL	10.0 ng/mL
5-HIAA	1.00 ng/mL	5.00 ng/mL

The panel is for non-GxP testing and is not for diagnostic use

Analysis Method and Instrumentation

LC-MS/MS (Agilent 1290 UHPLC/Sciex QTrap 5500)

Sample Type and Required Amounts

Sample Type	Sample Requirement
Plasma/Serum	250 - 300 μ L
CSF	250 - 300 μ L
Others on request	

Contact us to get started
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