

Product datasheet for **AM05657PU-N**

Dehydroepiandrosterone / DHEA Mouse Monoclonal Antibody [Clone ID: DHEA(-3):1-19.1 (BGN/117/1191)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	DHEA(-3):1-19.1 (BGN/117/1191)
Applications:	ELISA
Recommended Dilution:	ELISA: 1/1000-1/10000.
Reactivity:	Broad
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	DHEA-3-HS-BSA conjugate
Specificity:	This antibody detects Dehydroepiandrosterone (DHEA) a steroid prohormone which is the precursor of all sex steroids.
Formulation:	PBS, pH 7.4 State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A from tissue culture supernatant
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



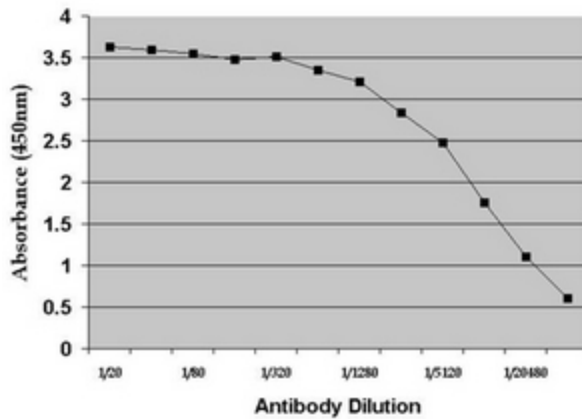
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Background:

DHEA is produced primarily by the adrenal glands, and together with its ester DHEA-sulphate (DHEAS), has been implicated in a wide range of physiological roles including aging, immunology, memory and obesity. In particular, DHEA and DHEAS differentially regulate growth-factor induced proliferation of chromaffin cells, and are thought to affect neurogenesis, neuronal survival, and neuronal stem cell proliferation. Blood measurements of DHEAS/DHEA are useful to detect excess adrenal activity due to adrenal cancer or hyperplasia, including certain forms of congenital adrenal hyperplasia.

Synonyms:

3-beta Hydroxyandrost 5 en 17 one, 3-beta hydroxy 5 androsten 17 one, Dehydroisoandrosterone, Prasterone, Trans Dehydroandrosterone

Product images:

DHEA detected using Dehydroepiandrosterone antibody Cat.-NoAM05657PU-N