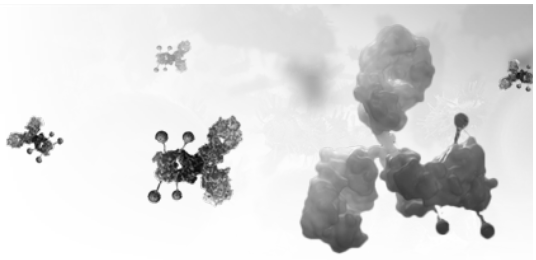

# Epiandrosterone(17) [HRP] (DAG1176)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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| **Product Overview** | Epiandrosterone(17), HRP conjugate |
| **Antigen Description** | Dehydroepiandrosterone (DHEA) is a major secretory product of the human adrenal cortex during intrauterine development as well as during adulthood. DHEA circulates in the bloodstream as DHEA-sulfate (DHEAS). DHEA has been implicated in a wide range of physiological roles including aging, immunology, learning and memory and obesity. |
| **Species** | N/A |
| **Conjugate** | HRP |
| **Format** | Concentrate |
| **Size** | 0.5 ml |
| **Preservative** | None |
| **Storage** | 2-8°C short term, -20°C long term |

## BACKGROUND

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| **Introduction** | Epiandrosterone, or 3β-androsterone, also known as 3β-hydroxy-5α-androstan-17-one or 5α-androstan-3β-ol-17-one, is a steroid hormone with weak androgenic activity. It is a natural metabolite of dehydroepiandrosterone (DHEA) via the 5α-reductase enzyme. It was first isolated in 1931, by Adolf Friedrich Johann Butenandt and Kurt Tscherning. They distilled over 17,000 litres of male urine, from which they got 50 milligrams of crystalline androsterone (most likely mixed isomers), which was sufficient to find that the chemical formula was very similar to estrone. |
| **Keywords** | Epiandrosterone |

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