



# γ-Hydroxybutyric Acid (GHB) [BSA] (DAG3040)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Gamma-Hydroxybutyric Acid, BSA-Conjugated
<b>Species</b>	N/A
<b>Conjugate</b>	BSA
<b>Applications</b>	immunoassay development or other applications.
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Size</b>	1 mg
<b>Buffer</b>	10mM PBS, pH8.0±0.2
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

## BACKGROUND

<b>Introduction</b>	<p>γ-Hydroxybutyric acid (GHB), also known as 4-hydroxybutanoic acid and sodium oxybate (INN), is a naturally occurring substance found in the human central nervous system, as well as in wine, beef, small citrus fruits, and almost all animals in small amounts. It is also categorized as an illegal drug in many countries. It is currently regulated in Australia and New Zealand, Canada, most of Europe and in the US. GHB as the sodium salt, known as sodium oxybate, is sold by Jazz Pharmaceuticals under the name Xyrem to treat cataplexy and excessive daytime sleepiness in patients with narcolepsy.</p>
<b>Keywords</b>	Gamma-Hydroxybutyric Acid; γ-Hydroxybutyric acid; GHB; 4-hydroxybutanoic aci; sodium

oxybate; sodium gamma-hydroxybutyrate; sodium oxybate; Xyrem; potassium gamma-hydroxybutyrate; potassium oxybate;  $\gamma$ -Hydroxybutyric Acid

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