



# Anti-Ethyl glucuronide polyclonal antibody (DPAB-H825SG)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Ethylglucuronide is a metabolite which is formed in the body following ingestion of ethanol. It is used as a biomarker to test for ethanol use in situations where such use is prohibited, such as by the military or in recovering alcoholic patients. EtG has several advantages due to its specificity for ethanol, slow elimination in urine, and detectability by drug testing of hair which allows detection of ethanol use long after its shorter lasting major metabolites such as acetaldehyde have been eliminated from the body.
<b>Immunogen</b>	Ethylglucuronide conjugated to Bovine thyroglobulin.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Sheep
<b>Species Reactivity</b>	N/A
<b>Purification</b>	Ig fraction prepared by caprylic acid and ammonium sulphate precipitation.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Concentration</b>	7.28 mg/ml
<b>Buffer</b>	pH: 7.20 Preservative: 0.09% Sodium azide Constituent: 0.88% Sodium chloride
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at -20°C

# BACKGROUND

**Keywords** Ethyl glucuronide; EtG; 6-Ethoxy-3,4,5-trihydroxy-tetrahydro-pyran-2-carboxylic Acid; Ethyl -D-glucuronide

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