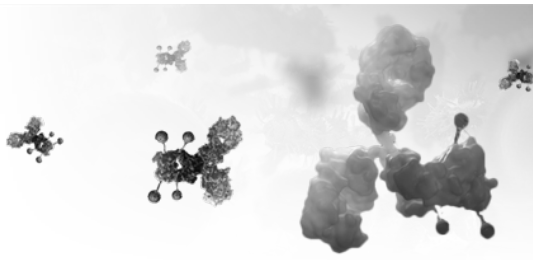

Anti PDG monoclonal Antibody, clone N497 (CABT-B8922)

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

PRODUCT INFORMATION

Immunogen	PDG-BSA
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	N/A
Clone	N497
Conjugate	Unconjugated
Applications	ELISA, LFIA
Format	Liquid
Size	1 mg
Buffer	0.15M Potassium Phosphate Buffer, pH 7.2 with 0.85% Sodium Chloride
Preservative	0.05% Sodium Azide
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.

BACKGROUND

Introduction	Urinary pregnanediol-3-glucuronide (PdG), a progesterone metabolite, using commercial reagents and examined the changes in the urinary concentration of PdG in a female giant pandaPregnanediol is an inactive product that forms when the body breaks down the hormone progesterone. A test can be done to measure the amount of pregnanediol in urine. The urine

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test offers an indirect way to measure progesterone levels in the bodyA glucuronide, also known as glucuronoside, is any substance produced by linking glucuronic acid to another substance via a glycosidic bond.The glucuronides belong to the glycosides.Glucuronidation, the conversion of chemical compounds to glucuronides, is a method that animals use to assist in the excretion of toxic substances, drugs or other substances that cannot be used as an energy source. Glucuronic acid is attached via a glycosidic bond to the substance, and the resulting glucuronide, which has a much higher water solubility than the original substance, is eventually excreted by the kidneys.

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