Pregnanediol Glucuronide, BSA-Conjugated

DAG3098  chemosynthetic
Lot. No. (See product label)

PRODUCT INFORMATION

Product overview  Pregnanediol Glucuronide, BSA-Conjugated
Description  Pregnanediol Glucuronide, BSA-Conjugated
Species  chemosynthetic
Conjugate  BSA
Form  Salt Free Lyophilized Protein
Applications  immunogen
Usage  For Research or Further Manufacturing Use Only Not for Use in Diagnostic Procedures

PACKAGING

Storage  Before Reconstitution at 2-8°C, Dessicated After Reconstituting: Short Term at 2-8°C; Long Term - Frozen

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 panda
Pregnanediol 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 test offers an indirect way to measure progesterone levels in the body
A 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.

Keywords  Pregnanediol-3-glucuronide; Pregnanediol-3alpha-glucuronide; pregnanediol-3 alpha-glucuronide; 5beta-Pregnane-3alpha,20alpha-diol-3alpha-glucuronide; (3alpha,5beta,20S)-20-Hydroxypregnan-3-yl beta-D-glucopyranosiduronic acid; 20alpha-Hydroxy-5beta-pregna

REFERENCES