

Sheep Anti Progesterone Polyclonal Antibody

DPBT-65783SP Sheep(PGR)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Sheep Anti Progesterone
Immunogen	HS-HMW conjugate
Host	Sheep
Isotype	Polyclonal IgG
Species	Broad
Conjugation	N/A
Applications	ELISA,

PACKAGING

Format	Serum - Liquid
Storage	Store at +4 centigrade or at -20 centigrade if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Preservative	0.09% Sodium Azide
Shelf Life	18 months from date of despatch.

BACKGROUND

Introduction	Progesterone is a sexual hormone and belongs to the group of gestagens. These female sexual hormones are produced in the placenta and adrenal cortex. The female sexual hormones, of which progesterone is the main representative, influence the female sexual organs together with the estrogens. The special function of the gestagens, especially progesterone lies in the regulation of the ovary nidation, the support of the pregnancy and the coordination of the body temperature (1,2,3). The secretion of the gestagens is controlled by the pituitary gland. In the blood, only 2-10% of progesterone appears unbound. The remainder is coupled to corticoid-binding globulin (CBG), sex-hormone-binding globulin (SHBG) and albumin. Normally the serum concentration of the hormone is low in animal blood. In plasma of pregnant animals, however, or in plasma of animals illegally treated with hormones, significantly higher levels can be found.
Keywords	Pregn 4 ene 3 20 dione; 17alpha-Progesterone; 3,20-Pregnene-4; 4-Pregnen-3,20-dion; progestin; PROGESTERONE; gynoluton; Gynolutone; Hormoflaveine; Hormoluton; Progesterone