

# Product Datasheet

## Progesterone Antibody NB100-62847

Unit Size: 0.5 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-62847**

## Progesterone Antibody

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 0.5 ml  |
| Concentration               | 5.0 mg/ml   |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.  |
| Clonality                   | Polyclonal  |
| Preservative                | 0.09% Sodium Azide  |
| Isotype                     | IgG   |
| Purity                      | Protein G purified  |
| Buffer                      | PBS   |
| Product Description         |   |
| Host                        | Rabbit  |
| Species                     | All Species   |
| Reactivity Notes            | Broad   |
| Specificity/Sensitivity     | NB100-62847 is specific for progesterone, a steroid hormone synthesized from the cholesterol derivative, pregnenolone, in the cortex of the adrenal gland. Cross reactivity: 100% Progesterone 4% 11-deoxycorticosterone 4% Corticosterone 3% 11 Hydroxyprogesterone 2.5% 20 Dihydroprogesterone 1.5% 17A Hydroxyprogesterone Less than 0.005% pregnanetriol, dihydrotestosterone, androstenedione, 11-deoxycortisol, 21 deoxycortisol, testosterone, 17b oestradiol, 17a oestradiol, dehydroepiandrosterone, androsterone, pregnanediol, pregnenolone, oestrone, oestriol, 16-Epi oestriol, and 6 keto oestradiol. Progesterone is secreted by the corpus luteum and acts to prepare the endometrium for the implantation of a fertilized egg. During pregnancy, it is secreted by the placenta in order to prevent spontaneous abortion and to stimulate the development of mammary tissue to produce milk. Progesterone is available as a pharmaceutical that can be used to treat menstrual disorders and for the prevention of miscarriage. This product also exhibits negligible cross reactivity with a variety of related steroids and derivatives. |
| Immunogen                   | Progesterone conjugated to bovine serum albumin   |
| Product Application Details |   |
| Applications                | ELISA   |
| Recommended Dilutions       | ELISA 1:100-1:2000  |



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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