



SMAG3264 Human E2-BSA Conjugate Antigen (Capture)
DATA SHEET

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| Catalog Number | SMAG3264 |
| Product Name | Human E2-BSA Conjugate Antigen (Capture) |
| Molecular Name | E2 |
| Size | 1mg |
| Species | Human |
| Applications | LFIA (Lateral-Flow Immunochromatographic Assay), CLIA (Chemiluminescence Immunoassay), ELISA |
| Host | Chemical Synthesis |
| Purity | >90% as determined by SDS-PAGE |
| Buffer | 0.01M PBS, 0.05% ProClin-300 (pH 7.4) |
| Purification | Affinity purification |
| Background | Estradiol (E2), also spelled oestradiol, is an estrogen steroid hormone and the major female sex hormone. It is involved in the regulation of the estrous and menstrual female reproductive cycles. Estradiol is responsible for the development of female secondary sexual characteristics such as the breasts, widening of the hips and a female-associated pattern of fat distribution. It is also important in the development and maintenance of female reproductive tissues such as the mammary glands, uterus and vagina during puberty, adulthood and pregnancy. It also has important effects in many other tissues including bone, fat, skin, liver, and the brain. |
| Storage | This antigen can be stored at 2°C-8°C for one month without detectable loss of activity. This product is stable for twelve months from date of receipt when stored at -20°C to -80°C. Aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles. |
| Shipping Condition | Ice packs |
| Note | This product is for research use only. |

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