

Benzoylecgonine (BE) Antibody

Product overview

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| Catalog number | 100890 |
| Specificity | Antibody recognizes Benzoylecgonine and Cocaine |
| Description | Protein A purified monoclonal mouse antibody, cultured <i>in vitro</i> under conditions free from animal-derived components. |
| Product buffer solution | 0.05M Potassium Phosphate Buffer, pH 7.2 with 0.85% NaCl, 0.05% NaN ₃ as a preservative |
| Shelf life and storage | 18 months from manufacturing at 2–8 °C |
| Subclass | IgG ₁ |
| Analyte description | Benzoylecgonine (BE) is the main metabolite of cocaine. |

Parameters tested on each lot

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| Product appearance | Liquid, may turn slightly opaque during storage |
| Product concentration | ≥ 1.5 mg/ml |
| Immunoreactivity | Not Determined (N/D) |
| IEF Profile | N/D |
| Purity | > 90 % |

Kinetic parameters

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|-----------------------------------|-----|
| Association rate constant | N/D |
| Dissociation rate constant | N/D |
| Affinity constant | N/D |
| Determination method | - |
| Determination antigen | - |



Legal disclaimer

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| Cross-reactivities | Benzoylecgonine, Cocaethylene 100%; Isoxsuprine 1.5%; Ecgonine < 1%; Perphenazine 0.04%; Cyclobenzaprine, β -phenethylamine 0.02%; Clomipramine 0.01% | |
| Epitope | N/D | |
| Pair recommendations | P81-99-11A (BSA conjugate as capture) or P91-99-11H (HRP conjugate for detection) Please note that pair recommendations are based on results obtained by our laboratory. Equally good results may be obtained using other pairs and therefore these recommendations are only indicative. | |
| Platforms tested | ELISA, LF | |
| Antigens tested | Please see Pair recommendations above | |
| Product stability | TEMPERATURE, TIME | RESULT |
| | N/D | - |
| Miscellaneous | This product was previously available with a Catalog code P01-99-11M-P and GN303. It has been produced using the same original mouse monoclonal hybridoma cell line. Immunogen: Benzoylecgonine-BSA | |
| References | - | |



Legal disclaimer