

## Product specifications

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| Name                    | Benzoylecgonine (BE) Antibody  |
| 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 code            | 100890   |
| Product buffer solution | 0.05M Potassium Phosphate Buffer, pH 7.2 with 0.85% NaCl, 0.05% NaN <sub>3</sub> as a preservative                           |
| Shelf life and storage  | 12 months from manufacturing at 2–8 °C   |
| Subclass                | IgG <sub>1</sub>   |
| 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      | -   |

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|----------------------|--|--------|
| Cross-reactivities   | Benzoylcegonine, Cocaethylene 100%; Isoxsuprine 1.5%; Ecgonine < 1%;<br>Perphenazine 0.04%; Cyclobenzaprine, $\beta$ -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)<br><br>Please note that pair recommendations are based on results obtained by our laboratory.<br>Equally good results may be obtained using other pairs and therefore these<br>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<br>been produced using the same original mouse monoclonal hybridoma cell line.<br><br>Immunogen: Benzoylcegonine-BSA  |        |
| References           | -  |        |

**Legal disclaimer**

