

PRODUCT DATASHEET



Human Myeloma Plasma/Sera

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| Product Codes | IgG1 Kappa: CBX020, BX020, CBX020.S, BX020.S |
| | IgG1 Lambda: CBX021, BX021, CBX021.S, BX021.S |
| | IgG2 Lambda: CBX023, BX023, CBX023.S, BX023.S |
| | IgA1 Kappa: CBX028, BX028, CBX028.S, BX028.S |
| | IgA1 Lambda: CBX029, BX029, CBX029.S, BX029.S |
| | IgM Kappa: CBX030, BX030, CBX030.S, BX030.S |
| | IgM Lambda: CBX031, BX031, CBX031.S, BX031.S |

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| Pack Sizes | CBX***, CBX***.S | 1ml |
| | BX***, BX***.S | Bulk volumes |

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| Abbreviations | N/A |
| Other names | Human Immunoglobulins |

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| Use | For <i>In Vitro</i> Research Use and further manufacturing applications only |
| | Users must validate this material for their own use and application |

Background

This product is manufactured by Binding Site in accordance with ISO13485 accredited quality systems.

This data sheet does not confer a diagnostic use of this product.

Product Specification

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| Form | Human myeloma protein |
| Format | Liquid |
| Source | Anonymised human plasma collected through plasmaphoresis from a single donor |
| Buffer | Unbuffered plasma (CBX***/BX***) or defibrinated plasma (CBX***.S/BX***.S) |
| Filtration | Unfiltered - may contain particulate |
| Anticoagulant | Sodium citrate or lithium heparin. See batch specific certificate of analysis |
| Preservatives | 0.099% Sodium Azide, 0.1% EACA, 0.01% Benzamidine |
| Total Protein Concentration | Variable |
| Titre | Batch specific, approximate value is obtained using FDA-cleared Binding Site Clinical Assays |
| Viral Screening | Found to be negative for HBsAg and antibodies to HIV-1, HIV-2, P24 antigen and HCV when tested by an independent CPA accredited laboratory |

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Product Utility

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| Shelf-life | None assigned |
| Storage and Stability | We recommend this product is stored at 2-8°C for up to 6 months and at -20°C for longer periods. |
| Specificity | Specificity determined by observing an abnormal free light chain ratio, along with an elevated immunoglobulin. The presence of monoclonal protein is confirmed by Serum Protein Electrophoresis (SPE). |
| Purity | This is a raw material and as such no purity is assigned. |
| Applications | This product has been successfully used as a source for calibrator, control or reference material. |

Cautions

This product contains sodium azide and must be handled with caution – do not ingest or allow contact with skin or mucous membranes. If contact does occur, wash with a large volume of water and seek medical advice. Explosive metal azides may be formed with lead and copper plumbing; on disposal of reagent, flush with a large volume of water to prevent azide build up.

Associated Documents Available
on Request

Safety Data Sheet
Certificate of Analysis
Certificate of Origin

Customised Variants

This product can be customised to meet specific requirements. The options available include, but are not restricted to, parameters such as resting buffer and preservatives. Please enquire for further information.

Contacts

For further assistance or advice
please contact us at:

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www.immunologicals.com