

# CERTIFICATE OF ANALYSIS

## MONOCLONAL ANTIBODIES

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### Renin Mouse Monoclonal Antibody

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|                 |                          |
|-----------------|--------------------------|
| <b>Code No.</b> | <b>BM438-S4D2</b>        |
| <b>Grade</b>    | <b>Affinity Purified</b> |
| <b>Lot No.</b>  |                          |

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#### RECEIVER INFORMATION

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|                             |  |
|-----------------------------|--|
| <b>Expiry Date</b>          |  |
| <b>Storage Temperature</b>  | 2-8°C (up to 1 month). Aliquot and store below -15°C (long term) |
| <b>Storage Notes</b>        | Avoid repeat freeze thaw cycles                                  |
| <b>Shipping Temperature</b> | 2-8°C  |

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#### PRODUCT INFORMATION

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|--------------------------------|---|
| <b>Reacts With</b>             | Renin.  |
| <b>Specificity</b>             | Recognises Active Renin (100%) with low specificity for Prorenin (<10%).  |
| <b>Immunogen</b>               | Human recombinant Renin.  |
| <b>Source</b>                  | Cell culture  |
| <b>BBI Solutions Clone No.</b> | S4D2  |
| <b>Application</b>             | Sandwich ELISA. Recommended as a detection antibody using BM438-K9C2 as the Capture antibody.                       |
| <b>Isotype</b>                 | IgG <sub>1k</sub>   |
| <b>Host</b>                    | Mouse   |
| <b>Purification</b>            | Protein A.  |
| <b>Presentation</b>            | Single homogenous batch, supplied liquid in a 0.1M Phosphate Buffer Saline at pH 7.4, containing 0.05% sodium azide |

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#### HEALTH AND SAFETY

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|------------------------|---|
| <b>Application</b>     | For in-vitro use and research or further processing only.   |
| <b>Precaution</b>      | Potentially hazardous. For specific precautions, see Safety Data Sheet.   |
| <b>Material Safety</b> | For further information and technical details, please download a Safety Data Sheet at <a href="http://www.bbisolutions.com">www.bbisolutions.com</a> or contact your BBI Account Manager. |

**ANALYSIS**

| TESTS | SPECIFICATIONS | RESULTS |
|-------|----------------|---------|
|-------|----------------|---------|

**Determination Method:**

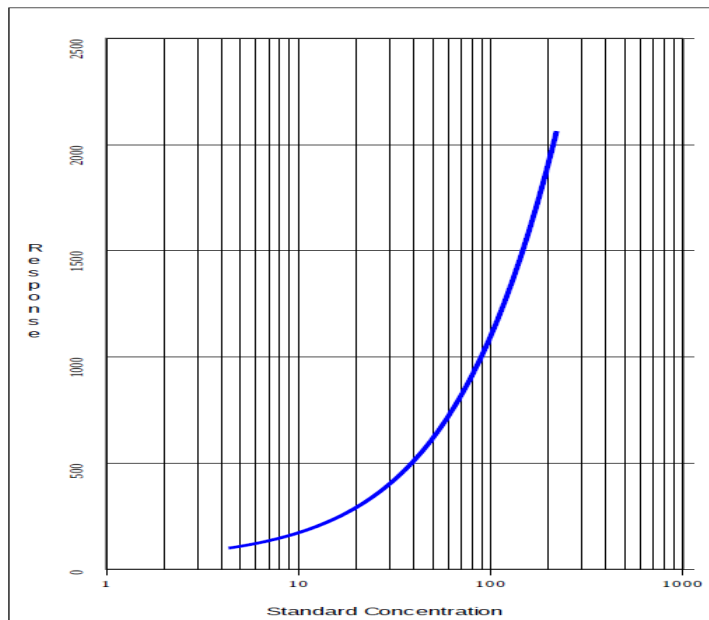
Protein Concentration by  
Optical Density at 280nm  
using  $E_{0.1\%,1cm} = 1.45$

$\geq 0.5$  mg/ml

mg/ml

**ELISA Data**

An example of a sandwich ELISA performed using BM438-S4D2 as the Detection antibody and BM438-K9C2 as the Capture antibody showing a dose response from 4-230 pg/ml.



|                |  |                  |  |
|----------------|--|------------------|--|
| <b>Name:</b>   |  | <b>Position:</b> |  |
| <b>Signed:</b> |  | <b>Date:</b>     |  |