

## CERTIFICATE OF ANALYSIS

### MONOCLONAL ANTIBODIES

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#### Human Thyroid Stimulating Hormone (TSH) Mouse Monoclonal Antibody

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|-----------------|--------------------------|
| <b>Code No.</b> | <b>BM216-S1A5</b>        |
| <b>Grade</b>    | <b>Affinity Purified</b> |
| <b>Lot No.</b>  |                          |

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#### RECEIVER INFORMATION

|                             |                                 |
|-----------------------------|---------------------------------|
| <b>Expiry Date</b>          |                                 |
| <b>Storage Temperature</b>  | 2-8°C                           |
| <b>Storage Notes</b>        | Avoid repeat freeze thaw cycles |
| <b>Shipping Temperature</b> | 2-8°C                           |

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#### PRODUCT INFORMATION

|                                |                                                                                                                                                   |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specificity</b>             | Antibody specifically detects Human TSH Beta subunit. <10% cross-reactivity with TSH Alpha subunit. Minimal cross-reactivity with LH, FSH or hCG. |
| <b>BBI Solutions Clone No.</b> | S1A5                                                                                                                                              |
| <b>Application</b>             | Lateral Flow. Can be used in Lateral Flow as the Capture antibody pairing with BM216-V6D5 as the Detection antibody.                              |
| <b>Isotype</b>                 | IgG <sub>2a</sub>                                                                                                                                 |
| <b>Host</b>                    | Mouse                                                                                                                                             |
| <b>Purification</b>            | Protein A                                                                                                                                         |
| <b>Presentation</b>            | Single homogenous batch, supplied liquid in 0.9% NaCl and 0.1% 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>  | The product has been labelled T (toxic) under UK regulations: COSHH Sch 1(6) for sodium azide concentration $\geq 0.1\%$ . |

**ANALYSIS**

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

**Determination Method:**

Protein Concentration by  
Optical Density at 280nm using  
 $E_{0.1\%,1\text{cm}} = 1.4$

$\geq 0.5$  mg/ml

mg/ml

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