

## Mouse ALDOSTERONE Monoclonal Antibody

MOUSE ANTI ALDOSTERONE

|                              |                      |                              |
|------------------------------|----------------------|------------------------------|
| CATALOG #<br><b>AAA49155</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>ELISA</b> |
|------------------------------|----------------------|------------------------------|

### PRODUCT SYNONYMS

ALDOSTERONE; Monoclonal Antibody; MOUSE ANTI ALDOSTERONE; anti-ALDOSTERONE antibody

### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | Mouse                                                                                                                                                                                                                                                                                                                                                          |
| Clonality                                             | Monoclonal                                                                                                                                                                                                                                                                                                                                                     |
| Isotype                                               | IgG1                                                                                                                                                                                                                                                                                                                                                           |
| Clone Number                                          | BGN/10/4213 (1-3.2)                                                                                                                                                                                                                                                                                                                                            |
| Form/Format                                           | Purified<br>Purified IgG - liquid                                                                                                                                                                                                                                                                                                                              |
| Concentration                                         | IgG concentration 1.0 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                    |
| Applicable Applications for anti-ALDOSTERONE antibody | ELISA                                                                                                                                                                                                                                                                                                                                                          |
| Preservative Stabilizers                              | 0.09% Sodium Azide (NaN <sub>3</sub> )                                                                                                                                                                                                                                                                                                                         |
| Preparation                                           | Purified IgG prepared by affinity chromatography on Protein A                                                                                                                                                                                                                                                                                                  |
| Immunogen                                             | Aldosterone conjugated to Bovine Serum Albumin.                                                                                                                                                                                                                                                                                                                |
| Buffer Solution                                       | Phosphate buffered saline                                                                                                                                                                                                                                                                                                                                      |
| Target Species                                        | Broad                                                                                                                                                                                                                                                                                                                                                          |
| Carrier Free                                          | Yes                                                                                                                                                                                                                                                                                                                                                            |
| Preparation and Storage                               | Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.<br>Shelf Life: 18 months from date of despatch. |

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ALDOSTERONE antibody | Mouse anti Aldosterone antibody, clone BGN/10/4213 (1-3.2) recognizes Aldosterone, a steroid hormone from the mineralocorticoid family that is produced in the adrenal gland by the outer-section of the adrenal cortex, to regulate the body's electrolyte and water balance. Aldosterone is synthesized from cholesterol by aldosterone synthase, which is absent in other sections of the adrenal gland. It acts directly on the kidney to decrease the rate of sodium-ion excretion (with accompanying retention of water), and to increase the rate of potassium-ion excretion. This antibody shows less than 0.01% cross-reactivity with Androstenedione, Corticosterone, DHEA and Deoxycorticosterone. |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.