

## Citrulline - Purified

<b>Catalog No.:</b>	AR05222PU-L
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	1.0 mg/ml (after reconstitution)
<b>Background:</b>	The amino acid Citrulline is required to detoxify the liver from ammonia, which is a waste product of the body from oxidation. Citrulline promotes energy and assists with the immune system. This unusual amino acid is formed in the urea cycle by the addition of carbon dioxide and ammonia to ornithine. It is then combined with aspartic acid to form arginosuccinic acid, which later is metabolized into the amino acid arginine.
<b>Format:</b>	<b>State:</b> Lyophilised purified protein linked to BSA via glutaraldehyde <b>Reconstitution:</b> Restore with 1.0ml distilled water containing 0.1% merthiolate.
<b>Applications:</b>	ELISA. Immunohistochemistry on frozen sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Description:</b>	DL-Citrulline linked to BSA via glutaraldehyde.
<b>Storage:</b>	Store the protein at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.