

AR00054PU-N**Candida albicans (Wild type) - Purified**

Alternate names:	C. albicans
Quantity:	1 mg
Concentration:	2.52 mg/ml (Bradford method using BSA as standard)
Background:	Candida albicans is the most frequently isolated fungal pathogen of humans, affecting immunocompromised patients ranging from premature infants to AIDS sufferers. Systemic infections have an attributed mortality of 30-50%. C. albicans is a diploid organism which has eight sets of homologous chromosomes. It has a genome of approximately 16 Mb (haploid), about 30% greater than S. cerevisiae (baker's yeast).
Source:	Cell culture, (Candida albicans culture)
Format:	State: Liquid purified protein Purity: Washed harvested organisms are extracted during a proprietary process. The resulting antigen consists of cytoplasmic components and some cellular material. Buffer System: Glycine buffer without preservatives
Applications:	Suitable for use in ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	Candida albicans (Wild Type) Antigen Inactivation: Detergent treatment. Confirmation is attempted growth under original culture conditions.
Add. Information:	Centrifuge before opening to ensure complete recovery of vial contents.
Storage:	Store the protein at -20°C to -80°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Caution:	No test guarantees a product to be non-infectious. All materials should be handled as if potentially infectious. Generally accepted laboratory practices appropriate for infectious materials should be employed when handling this product.