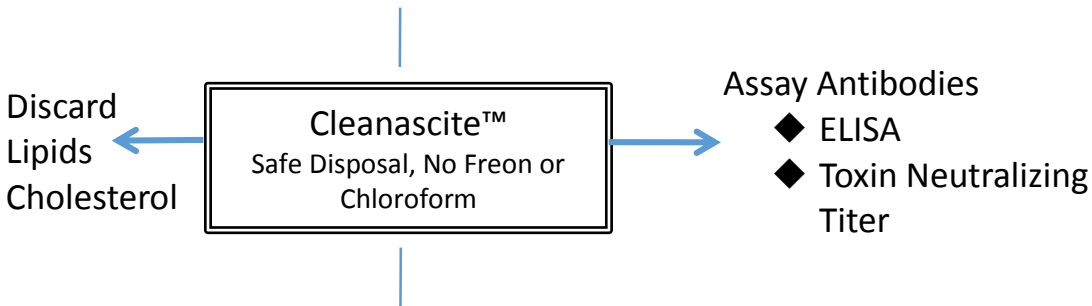




FOR VACCINE RESEARCH LIPID REMOVAL & CLARIFICATION

BIOTECH SUPPORT GROUP
Sample Prep that Matters

Vaccine research relies on the systemic immunogenic response to the vaccine candidate. To evaluate such a response, it is necessary to measure the antibodies from sera; a sample type with a diverse lipid profile between individuals. Because lipids can often impact antibody analysis by specific and non-specific matrix effects, for vaccine development, it is beneficial to deplete lipids prior to analysis. The Biotech Support Group product – Cleanascite™ has the necessary selectivity profile to support this demanding application.



In this citation, Cleanascite™ was used in a toxin neutralizing assay to evaluate the influence of cholesterol dependency, on a candidate protein pneumococcal vaccine.

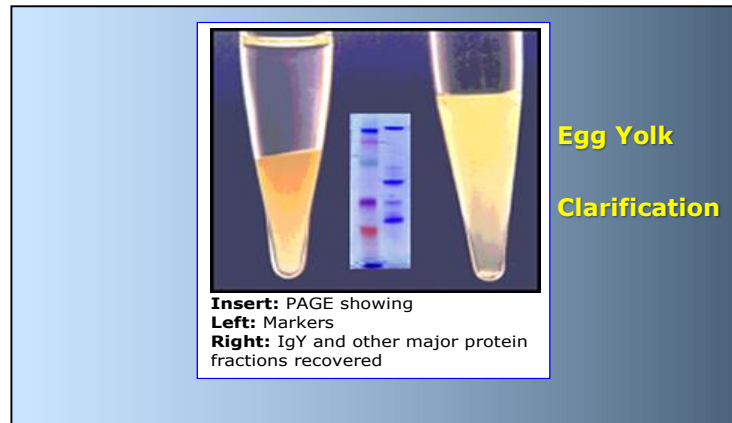
Kamtchoua, Thierry, Monica Bologna, Robert Hopfer, David Neveu, Branda Hu, Xiaohua Sheng, Nicolas Corde, Catherine Pouzet, Gloria Zimmerman, and Sanjay Gurunathan. [Safety and immunogenicity of the pneumococcal pneumolysin derivative PlyD1 in a single-antigen protein vaccine candidate in adults](#). Vaccine (2012).

Cleanascite™ is a solid-phase suspension reagent, with a simple add, mix, centrifuge protocol. [Read more...](#)

Cleanascite™

Lipid Adsorption & Clarification

- Effectively replaces chlorinated/fluorinated hydrocarbons (eg. freon)
- Workflows for antibodies, proteins, nucleic acids, proteoglycans, and most serum analytes
- Ideal for clarifying ascites, serum, cell & tissue culture, and organ homogenates
- Clarifies bile and saliva
- Extensively cited in journal articles
- Extends the life of membrane and chromatographic apparatus.



Product	Quantity (ml)	Process Volume (ml)*	Item No.
Cleanascite™	10	40	X2555-10
Cleanascite™	50	200	X2555-50
Cleanascite™	100	400	X2555-100
Cleanascite™	500	2000	X2555-500
Cleanascite™	1000	4000	X2555-1000

*Based on typical v:v ratio.