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# J5 Antiserum

National Cancer Institute

## Source

National Cancer Institute. *J5 Antiserum*. NCI Thesaurus. Code C28548.

An antiserum raised against endotoxins of *Escherichia coli* J5 strain with potential antibacterial activity. J5 antiserum reacts with lipid A, the key endotoxic component of the lipopolysaccharides (LPS), found mostly in gram-negative bacteria. By binding to endotoxins, J5 antiserum prevents the initiation of a cascade of events in host cells, including the production of pro-inflammatory cytokines that eventually leads to the sepsis syndrome.