Native DENV2 Lysate

Cat. No. DENV2-01DCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Dengue virus lysate Serotype 2 (New Guinea C strain) has been manufactured to provide a consistent source of Dengue virus antigens. This material has been produced by culturing Dengue virus serotype 2 (New Guinea C strain) in the Vero cell line. The Dengue virus lysate is supplied purified and heat inactivated. This product is suitable for use in a broad range of applications including immunoassay research and development.
Species	DENV2
Source	Vero
Description	Dengue virus (DENV) is a single-stranded RNA virus that belongs to the genus Flavivirus, which includes Zika virus, West Nile virus and Japanese Encephalitis virus. Dengue infection is transmitted to humans by mosquitoes, primarily Aedes aegypti species. Dengue is an emerging disease that is a leading cause of illness and death in the tropics and subtropics, with more than one-third of the world's population living in areas at risk of transmission. It is febrile illness that affects infants, young children and adults with symptoms appearing 3-14 days after the infective bite. Symptoms range from mild fever, to incapacitating high fever, with severe headache, pain behind the eyes, muscle and joint pain, and rash.
Form	Liquid
Storage	Short Term Storage: -80 centigrade

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	Long Term Storage: -80 centigrade Can be frozen, but avoid multiple freeze-thaw cycles
Storage Buffer	0.6M KCl containing 0.5% Triton X-100, and then subjected to heat inactivation.

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