Product Information Sheet for NR-52393

CpG 7909 Adjuvant

Catalog No. NR-52393
This reagent is the property of the U.S. Government.

For research use only. Not for use in humans.

Contributor:
Josh Reece, Ph.D., Senior Director, Vaccine Research & Development, Emergent BioSolutions, Gaithersburg, Maryland, USA

Manufacturer:
Nitto Denko Avecia, Inc., Milford, Massachusetts, USA

Product Description:
CpG 7909 oligodeoxynucleotide is an immunostimulatory, toll-like receptor 9 (TLR9) agonist used as an adjuvant for screening with different vaccine antigens.1,2,3,4 This 24-mer B-Class CpG oligodeoxynucleotide has been used to augment the immunogenicity in vaccines developed to treat anthrax, cancer, hepatitis B, influenza and malaria.1,4 CpG 7909 was manufactured at Avecia through a contract with Emergent BioSolutions.1

Material Provided:
Each vial contains approximately 0.5 mL of CpG 7909 adjuvant in nuclease-free water. Note: NR-52393 should be used as soon as possible, as the long-term stability of reconstituted CpG 7909 adjuvant without a cryoprotectant is not known.1

Packaging/Storage:
NR-52393 was packaged aseptically in cryovials. The product is provided frozen and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: CpG 7909 Adjuvant, NR-52393.”

Biosafety Level: 1

Disclaimers:
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