lipid nanoparticles

	NCT Number	Title	Authors	Description	Identifier	Dates
1	pubmed:36115801	mRNA-1273 but not BNT162b2 induces antibodies against polyethylene glycol (PEG) contained in mRNA-based vaccine formulations	Juan Manuel Carreño Gagandeep Singh Johnstone Tcheou Komal Srivastava Charles Gleason Hiromi Muramatsu Parnavi Desai Judith A Aberg Rachel L Miller Paris Study Group Norbert Pardi Viviana Simon Florian Krammer	Two messenger RNA (mRNA)-based vaccines are widely used globally to prevent coronavirus disease 2019 (COVID-19). Both vaccine formulations contain PEGylated lipids in their composition, in the form of polyethylene glycol [PEG] 2000 dimyristoyl glycerol for mRNA-1273, and 2 [(polyethylene glycol)-2000]-N,N-ditetradecylacetamide for BNT162b2. It is known that some PEGylated drugs and products for human use which contain PEG are capable of eliciting immune responses that lead to to detectable...	pmid:36115801 doi:10.1016/j.vaccine.2022.08.024	Sat, 17 Sep 2022 06:00:00 -0400