

Ingredients Table for the Moderna COVID-19 Vaccine

This table has been developed from information supplied by Leicestershire Medicines Information Centre, Part of the Midlands and East Medicines Advice Service (East Midlands Site) and UK Drugs in Lactation Advisory Service.

The information is intended for use by community leaders as requested to help inform their communities about the contents of the Moderna COVID-19 Vaccine.

Ingredient	Information for Patients
<u>Active Ingredient</u>	
COVID-19 mRNA Vaccine (nucleoside modified)	It stimulates the body's natural defences (immune system) and causes the body to produce its own protection (antibodies) against the virus.
<u>Excipients</u>	
Lipid SM 102	All lipids used in the vaccine are either from plant-derived sources or are synthetic and have no animal components. PEG2000-DMG contains polyethylene glycol (PEG) which some people may have an allergy to. DSPC and Cholesterol are naturally occurring lipids.
PEG2000-DMG (1,2-Dimyristoyl-rac-glycero-3-methoxypolyethylene glycol-2000)	
DSPC (1,2-Distearoyl-sn-glycero-3-phosphocholine)	
Cholesterol	
Trometamol	For stability. Also used in cosmetic creams and lotions.
Trometamol hydrochloride	
Acetic acid	Also found in foods such as vinegar.
Sodium acetate trihydrate	A salt also used as a preservative in food.
Sucrose	Ordinary sugar obtained from sugar cane and sugar beet.
Water for injections	Sterile water manufactured to a quality suitable for injections.