

Table with vaccine ingredients

A/H1N1 pandemic influenza vaccines

This table gives the ingredients of the vaccines listed in the table above (based on the linked vaccine product information).

Brand name	manufacturer	Vaccine type	Propagated in	Dose volume	Strength (mcg HA)	Adjuvant (/dose)	Excipients (/dose)	residual amounts (/dose)
AdimFlu-S	Adimmune							
Arepanrix	GlaxoSmithKline	Split influenza virus, inactivated	Fertilized egg	0,5 ml IM	3.75	AS03: DL-a-tocopherol (11.86 mcg) Squalene (10.69 mcg) Polysorbate 80 (4.86 mcg)	<u>Antigen suspension vial:</u> Thimerosal sodium chloride disodium hydrogen phosphate potassium dihydrogen phosphate potassium chloride water for injections <u>Adjuvant emulsion vial:</u> sodium chloride disodium hydrogen phosphate potassium dihydrogen phosphate potassium chloride water for injections	<u>Antigen suspension vial:</u> egg proteins formaldehyde sodium deoxycholate sucrose
Celtura	Novartis	Subunit, inactivated	MDCK cell	0,25 ml IM	3.75	MF59C.1: squalene (4.875 mg) Polysorbate 80 (0.588 mg) Sorbitantrioleate (0.588 mg) Sodiumcitrate (0.33 mg) Citric acid (0.02 mg) water for injections	sodium chloride potassium chloride potassium dihydrogen phosphate disodium phosphate dihydrate magnesium chloride hexahydrate calcium chloride dihydrate water for injections	Cetyltrimethylammoniumbromid (CTAB) Madin Darby Canine Kidney Cells(MDCK) Cockerspaniel
Celvapan	Baxter	whole cell virus, inactivated virus	Vero cell	0,5 ml IM	7.5	non-adjuvanted	Trometamol Sodium chloride Water for injections Polysorbate 80	Formaldehyde Benzonase sucrose
Fluval P	Omninvest Adult dose	whole cell virus, inactivated virus	Fertilized egg	0,5 ml IM	6	Aluminium Phosphate (0,33 mg Al ³⁺)	Thiomersal 50mcg Aluminum chloride hexahydrate trisodium phosphate dodecahydrate potassium chloride disodium phosphate dehydrate disodium hydrogen phosphate dihydrate potassium dihydrogen phosphate sodium chloride water for injection	egg white formaldehyde gentamycin neomycin vancomycin ciprofloxacin

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Focetria	Novartis	surface antigen, inactivated	Fertilized egg	0,5 ml IM	7.5	MF59C.1: squalene (9.75 mg) polysorbate 80 (1.175 mg) sorbitan trioleate (1.175 mg)	Sodium chloride Potassium chloride Potassium dihydrogen phosphate Disodium phosphate dihydrate Magnesium chloride hexahydrate Calcium chloride dihydrate Sodium citrate Citric acid Water for injections	egg or chicken protein ovalbumin kanamycin neomycin sulphate formaldehyde cetyltrimethylammonium bromide (CTAB))
Green Flu S	Green Cross Corp							
Humenza	Sanofi Pasteur	Split virion, inactivated	Fertilized egg	0,5 ml IM	3.8	AF03: squalene (12.4 mg) sorbitan oleate (1.9 mg) polyoxyethylene cetostearyl ether (2.4 mg) mannitol (2.3 mg)	Antigen vial: Thiomersal Sodium chloride Potassium chloride Disodium phosphate dihydrate Potassium dihydrogen phosphate Water for injections Adjuvant vial: Sodium chloride Potassium chloride Disodium phosphate dihydrate Potassium dihydrogen phosphate Water for injections	
Inactivated A/H1N1 Influenza Vaccine (Without Adjuvant)	Denka Seiken Co					non-adjuvanted		
Inactivated A/H1N1 Influenza Vaccine (Without Adjuvant)	Kaketsuken (The Chemo-Sero-Therapeutic Research Institute)					non-adjuvanted		
Inactivated A/H1N1 Influenza Vaccine (Without Adjuvant)	The Kitasato Institute					non-adjuvanted		

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Inactivated A/H1N1 Influenza Vaccine (Without Adjuvant)	Research Foundation for Microbial Diseases of Osaka University (Biken)					non-adjuvanted		
Inactivated H1N1 Influenza Vaccine	Hualan Biological							
Inactivated H1N1 Influenza Vaccine	Zhejiang Tianyuan Bio-Pharmaceutical							
Influenza A (H1N1) 2009 Monovalent Vaccine*	CSL Limited	Split influenza virus, inactivated	Fertilized egg	0,5 ml IM	15	non-adjuvanted	sodium chloride (4.1 mg) monobasic sodium phosphate (80 mcg) dibasic sodium phosphate (300 mcg) monobasic potassium phosphate (20 mcg) potassium chloride (20 mcg) calcium chloride (1.5 mcg)	sodium taurodeoxycholate (10 ppm) ovalbumin (1 mcg) neomycin sulfate (0.2 picograms [pg]) polymyxin B (0.03 pg) beta-propiolactone (<25 nanograms)
Influenza A (H1N1) 2009 Monovalent Vaccine*	Novartis	Subunit, inactivated	Fertilized egg	0,5 ml IM	15	non-adjuvanted	phosphate buffered saline	egg proteins (1 mcg ovalbumin) polymyxin (3.75 mcg) neomycin (2.5 mcg) betapropiolactone (0.5 mcg) nonylphenol ethoxylate (<0.015% w/v)
Influenza A (H1N1) 2009 Monovalent Vaccine*	Sanofi Pasteur	Split influenza virus, inactivated	embryonated chicken eggs	0,5 ml IM	15	non-adjuvanted	sodium phosphate-buffered isotonic sodium chloride solution gelatin 0.05%	formaldehyde (100 mcg) polyethylene glycol p-isooctylphenyl ether (<0.02%) sucrose (<2.0%).
Influenza A (H1N1) 2009 Monovalent Vaccine*	MedImmune	Cold-adapted, temperature -sensitive, attenuated live virus	Fertilized egg	0,2 ml intra-nasal	10 ^{6.5-7.5} FFU	non-adjuvanted	monosodium glutamate (0.188 mg) hydrolyzed porcine gelatin (2.00 mg= arginine (2.42 mg) sucrose (13.68 mg) dibasic potassium phosphate (2.26 mg) monobasic potassium phosphate (0.96 mg)	gentamicin sulfate (<0.015 mcg/mL) egg proteins
Influenza A (H1N1) 2009 Pandemic Monovalent Vaccine (Without Adjuvant)	Glaxo Smith Kline	Split influenza virus, inactivated	embryonated hens' eggs	0,5 ml IM	15	non-adjuvanted	Thimerosal 50 µg sodium chloride potassium chloride sodium phosphate dibasic heptahydrate potassium phosphate monobasic water for injection.	egg proteins formaldehyde sodium deoxycholate sucrose.

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Pandemrix	Glaxo Smith Kline	Split influenza virus, inactivated	Fertilized egg	0,5 ml IM	3.75	AS03: DL-a-tocopherol (11.86 mcg) Squalene (10.69 mcg) Polysorbate 80 (4.86 mcg)	<u>Antigen suspension vial:</u> Thimerosal 5 mg Polysorbate 80 Octoxynol 10 Thiomersal Sodium chloride Disodium hydrogen phosphate Potassium dihydrogen phosphate Potassium chloride Magnesium chloride Water for injections <u>Adjuvant emulsion vial:</u> sodium chloride disodium hydrogen phosphate potassium dihydrogen phosphate potassium chloride water for injections	egg and chicken protein ovalbumin formaldehyde gentamicin sulphate sodium deoxycholate
Panenza	Sanofi Pasteur	Split influenza virus, inactivated	Fertilized egg	0,5 ml IM	15	non-adjuvanted	Sodium chloride Potassium chloride Disodium phosphate dehydrate Dihydrogen phosphate Water for injections	ovalbumin or other egg proteins chicken protein neomycin Octoxinol-9 formaldehyde
Panflu	Sinovac Biotech							
Panvax H1N1**	CSL	Split influenza virus, inactivated	embryonated chicken eggs	0,5 ml IM	15	non-adjuvanted	sodium chloride (4.1 mg) monobasic sodium phosphate (80 mcg) dibasic sodium phosphate (300 mcg) monobasic potassium phosphate (20 mcg) potassium chloride (20 mcg) calcium chloride (1.5 mcg)	sodium taurodeoxycholate (=5 mcg) ovalbumin (=1.0 mcg) sucrose (< 10 mcg) neomycin (=0.7 ng) polymyxin B sulfate (=0.11 ng) and beta-propiolactone (= 1.4 ng)

* Thimerosal in multidose presentation (24.5 - 25 mcg of mercury per 0.5-mL dose)

** Thimerosal in multidose presentation (50 mcg per 0.5-mL dose)