

## APPENDIX 3: COMPONENTS OF VACCINES USED IN THE NATIONAL IMMUNISATION PROGRAM

Please note that vaccine manufacture is subject to ongoing refinement and change. Therefore, the information in Table A3.1 may change. This information was current as of early 2017 and has been sourced from the product information (PI) of each vaccine listed. The Therapeutic Goods Administration provides the most current versions of the PI and Consumer Medicines Information (CMI) documents for vaccines (and other medicines) on its website at [www.tga.gov.au](http://www.tga.gov.au).

For vaccines *not* listed in the National Immunisation Program (NIP), please refer to individual product information leaflet as supplied with the vaccine, or the *Handbook* chapter pertinent to that vaccine.

*None* of the vaccines listed on the NIP contains thiomersal.

**Table A3.1: Components of vaccines used in the National Immunisation Program**

| Vaccine component**†           | Vaccine brand        | Formulation  |
|--------------------------------|----------------------|--|
| Albumin/serum                  | Avaxim               | Hepatitis A (HAV)  |
|                                | M-M-R II             | Measles-mumps-rubella (MMR)  |
|                                | ProQuad              | Measles-mumps-rubella-varicella (MMRV)   |
|                                | Quadracel            | Diphtheria-tetanus-acellular pertussis-inactivated poliomyelitis (DTPa-IPV)  |
|                                | Vaqta                | Hepatitis A (HAV) paediatric/adolescent  |
|                                | Varilrix             | Varicella (VV)   |
|                                | Varivax Refrigerated | Varicella (VV)   |
|                                | Zostavax             | Varicella-zoster   |
| Aluminium hydroxide            | Avaxim               | Hepatitis A (HAV)  |
|                                | Engerix-B            | Hepatitis B (HBV) adult and paediatric   |
|                                | Havrix Junior        | Hepatitis A (HAV) paediatric   |
|                                | H-B-Vax II           | Hepatitis B (HBV) adult and paediatric   |
|                                | Infanrix IPV         | Diphtheria-tetanus-acellular pertussis-inactivated poliomyelitis (DTPa-IPV)  |
|                                | Vaqta                | Hepatitis A (HAV) paediatric/adolescent  |
| Aluminium hydroxide/ phosphate | Boostrix             | Diphtheria-tetanus-acellular pertussis (dTpa) reduced antigen  |
|                                | Gardasil             | Human papillomavirus (HPV)   |
|                                | Infanrix hexa        | Diphtheria-tetanus-acellular pertussis-hepatitis B-inactivated poliomyelitis- <i>Haemophilus influenzae</i> type b (DTPa-hepB-IPV-Hib) |
| Aluminium phosphate            | Adacel               | Diphtheria-tetanus-acellular pertussis (dTpa) reduced antigen  |
|                                | Prevenar 13          | 13-valent pneumococcal conjugate (13vPCV)  |
|                                | Quadracel            | Diphtheria-tetanus-acellular pertussis-inactivated poliomyelitis (DTPa-IPV)  |
| Borax/sodium borate            | Gardasil             | Human papillomavirus (HPV)   |

| Vaccine component**†       | Vaccine brand                 | Formulation  |
|----------------------------|-------------------------------|--|
|                            | Vaqta                         | Hepatitis A (HAV) paediatric/adolescent  |
| Egg protein                | <i>All influenza vaccines</i> |  |
|                            | Afluria Quad                  | Influenza  |
|                            | Fluarix Tetra                 | Influenza  |
|                            | FluQuadri                     | Influenza  |
| Formaldehyde               | Adacel                        | Diphtheria-tetanus-acellular pertussis (dTpa) reduced antigen  |
|                            | Avaxim                        | Hepatitis A (HAV)  |
|                            | Boostrix                      | Diphtheria-tetanus-acellular pertussis (dTpa) reduced antigen  |
|                            | Fluarix Tetra                 | Influenza  |
|                            | FluQuadri                     | Influenza  |
|                            | Havrix Junior                 | Hepatitis A (HAV) paediatric   |
|                            | Infanrix hexa                 | Diphtheria-tetanus-acellular pertussis-hepatitis B-inactivated poliomyelitis- <i>Haemophilus influenzae</i> type b (DTPa-hepB-IPV-Hib) |
|                            | Infanrix IPV                  | Diphtheria-tetanus-acellular pertussis-inactivated poliomyelitis (DTPa-IPV)  |
|                            | Quadracel                     | Diphtheria-tetanus-acellular pertussis-inactivated poliomyelitis (DTPa-IPV)  |
|                            | Vaqta                         | Hepatitis A (HAV) paediatric/adolescent  |
| Gelatin (porcine)          | M-M-R II                      | Measles-mumps-rubella (MMR)  |
|                            | ProQuad                       | Measles-mumps-rubella-varicella (MMRV)   |
|                            | Varivax Refrigerated          | Varicella (VV)   |
|                            | Zostavax                      | Varicella-zoster   |
| Gentamicin                 | Fluarix Tetra                 | Influenza  |
| Glutaraldehyde             | Adacel                        | Diphtheria-tetanus-acellular pertussis (dTpa) reduced antigen  |
|                            | Quadracel                     | Diphtheria-tetanus-acellular pertussis-inactivated poliomyelitis (DTPa-IPV)  |
| Mannitol                   | Priorix                       | Measles-mumps-rubella (MMR)  |
|                            | Priorix-tetra                 | Measles-mumps-rubella-varicella (MMRV)   |
|                            | Varilrix                      | Varicella (VV)   |
| Monosodium glutamate (MSG) | ProQuad                       | Measles-mumps-rubella-varicella (MMRV)   |
|                            | Varivax Refrigerated          | Varicella (VV)   |
|                            | Zostavax                      | Varicella-zoster   |
| Neomycin                   | Afluria Quad                  | Influenza  |

| Vaccine component**†    | Vaccine brand        | Formulation  |
|-------------------------|----------------------|--|
|                         | Avaxim               | Hepatitis A (HAV)  |
|                         | Havrix Junior        | Hepatitis A (HAV) paediatric   |
|                         | Infanrix hexa        | Diphtheria-tetanus-acellular pertussis-hepatitis B-inactivated poliomyelitis- <i>Haemophilus influenzae</i> type b (DTPa-hepB-IPV-Hib) |
|                         | Infanrix IPV         | Diphtheria-tetanus-acellular pertussis-inactivated poliomyelitis (DTPa-IPV)  |
|                         | M-M-R II             | Measles-mumps-rubella (MMR)  |
|                         | Priorix              | Measles-mumps-rubella (MMR)  |
|                         | Priorix-tetra        | Measles-mumps-rubella-varicella (MMRV)   |
|                         | ProQuad              | Measles-mumps-rubella-varicella (MMRV)   |
|                         | Quadracel            | Diphtheria-tetanus-acellular pertussis-inactivated poliomyelitis (DTPa-IPV)  |
|                         | Vaqta                | Hepatitis A (HAV) paediatric/adolescent  |
|                         | Varilrix             | Varicella (VV)   |
|                         | Varivax Refrigerated | Varicella (VV)   |
|                         | Zostavax             | Varicella-zoster   |
| Phenol                  | Pneumovax 23         | 23-valent pneumococcal polysaccharide (23vPPV)   |
| Phenoxyethanol          | Adacel               | Diphtheria-tetanus-acellular pertussis (dTpa) reduced antigen  |
|                         | Avaxim               | Hepatitis A (HAV)  |
|                         | Quadracel            | Diphtheria-tetanus-acellular pertussis-inactivated poliomyelitis (DTPa-IPV)  |
| Polymyxin               | Afluria Quad         | Influenza  |
|                         | Infanrix hexa        | Diphtheria-tetanus-acellular pertussis-hepatitis B-inactivated poliomyelitis- <i>Haemophilus influenzae</i> type b (DTPa-hepB-IPV-Hib) |
|                         | Infanrix IPV         | Diphtheria-tetanus-acellular pertussis-inactivated poliomyelitis (DTPa-IPV)  |
|                         | Quadracel            | Diphtheria-tetanus-acellular pertussis-inactivated poliomyelitis (DTPa-IPV)  |
| Polysorbate or sorbitol | Boostrix             | Diphtheria-tetanus-acellular pertussis (dTpa) reduced antigen  |
|                         | Fluarix Tetra        | Influenza  |
|                         | Gardasil             | Human papillomavirus (HPV)   |
|                         | Havrix Junior        | Hepatitis A (HAV) paediatric   |
|                         | Infanrix hexa        | Diphtheria-tetanus-acellular pertussis-hepatitis B-inactivated poliomyelitis- <i>Haemophilus influenzae</i> type b (DTPa-hepB-IPV-Hib) |

| Vaccine component <sup>*†</sup> | Vaccine brand | Formulation  |
|---------------------------------|---------------|--|
|                                 | Infanrix IPV  | Diphtheria-tetanus-acellular pertussis-inactivated poliomyelitis (DTPa-IPV)  |
|                                 | M-M-R II      | Measles-mumps-rubella (MMR)  |
|                                 | Prevenar 13   | 13-valent pneumococcal conjugate (13vPCV)  |
|                                 | Priorix       | Measles-mumps-rubella (MMR)  |
|                                 | Priorix-tetra | Measles-mumps-rubella-varicella (MMRV)   |
|                                 | ProQuad       | Measles-mumps-rubella-varicella (MMRV)   |
|                                 | Quadracel     | Diphtheria-tetanus-acellular pertussis-inactivated poliomyelitis (DTPa-IPV)  |
|                                 | RotaTeq       | Rotavirus  |
|                                 | Varilrix      | Varicella (VV)   |
| Yeast                           | Engerix-B     | Hepatitis B (HBV) adult and paediatric   |
|                                 | Gardasil      | Human papillomavirus (HPV)   |
|                                 | H-B-Vax II    | Hepatitis B (HBV) adult and paediatric   |
|                                 | Infanrix hexa | Diphtheria-tetanus-acellular pertussis-hepatitis B-inactivated poliomyelitis- <i>Haemophilus influenzae</i> type b (DTPa-hepB-IPV-Hib) |

\* If the person to be vaccinated has had an anaphylactic reaction to any of the vaccine components, administration of that vaccine may be contraindicated. Specialist advice should be sought to identify the component and to review if the person can be vaccinated in future.

† Please also refer to Appendix 4 *Commonly asked questions about vaccination* for more specific information about these various constituents.