

## Package leaflet: Information for the user

### **Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe**

Influenza vaccine, prepared in cell cultures

▼ This medicine is subject to additional monitoring. This will allow quick identification of new safety information. You can help by reporting any side effects you may get. See the end of section 4 for how to report side effects.

**Read all of this leaflet carefully before you receive this medicine because it contains important information for you.**

- Keep this leaflet. You may need to read it again.
- If you have any further questions, ask your doctor, pharmacist or nurse.
- If you get any side effects, talk to your doctor, pharmacist or nurse. This includes any possible side effects not listed in this leaflet. See section 4.

#### **What is in this leaflet**

1. What Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe is and what it is used for
2. What you need to know before you receive Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe
3. How Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe is given
4. Possible side effects
5. How to store Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe
6. Contents of the pack and other information

#### **1. What Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe is and what it is used for**

Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe is a vaccine against flu (influenza). Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe is prepared in cell cultures, and, therefore, is egg-free.

When a person is given the vaccine, the immune system (the body's natural defence system) will produce its own protection against the influenza virus. None of the ingredients in the vaccine can cause flu.

Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe is used to prevent flu in adults and children from 2 years of age.

The vaccine targets four strains of influenza virus following the recommendations by the World Health Organisation for the 2020/2021 season.

#### **2. What you need to know before you receive Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe**

**You should not receive Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe:**

If you are allergic to:

- the active ingredients or any of the other ingredients of this medicine (listed in section 6)
- beta-propiolactone, cetyltrimethylammonium bromide, or polysorbate 80, which are trace residues from the manufacturing process.

**Warnings and precautions**

Talk to your doctor, pharmacist or nurse before receiving Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe.

BEFORE receiving the vaccine

- Your doctor or nurse will make sure that appropriate medical treatment and supervision is readily available in case of a rare anaphylactic reaction (a very severe allergic reaction with symptoms such as difficulty in breathing, dizziness, a weak and rapid pulse and skin rash) following the administration. This reaction may occur with Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe as with all vaccines that are injected.
- You should tell your doctor if you have an acute illness associated with fever. Your doctor may decide to delay your vaccination until your fever is gone.
- You should tell your doctor if your immune system is impaired, or if you are undergoing treatment which affects the immune system, e.g. with medicine against cancer (chemotherapy) or corticosteroid medicines (see section “Other medicines and Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe”).
- You should tell your doctor if you have a bleeding problem or bruise easily.
- Fainting can occur following, or even before, any needle injection, therefore tell the doctor or nurse if you fainted with a previous injection.

As with all vaccines, Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe may not fully protect all persons who are vaccinated.

**Other medicines and Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe**

Tell your doctor or nurse if you are using, have recently used or might use any other medicines, including medicines obtained without a prescription or if you have recently received any other vaccine.

Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe may be given at the same time as other vaccines.

**Pregnancy and breast-feeding**

Pregnancy:

Tell your doctor if you are pregnant, think you may be pregnant or are planning to have a baby. Influenza vaccinations can be used at any stage of pregnancy.

Breast-feeding:

Use of Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe during breast-feeding has not been studied. Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe may be used during breast-feeding.

**Driving and using machines**

Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe has no or negligible effect on your ability to drive and use machines.

**Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe contains sodium chloride and potassium chloride**

This vaccine contains less than 1 mmol sodium (23 mg) per dose, i.e. essentially 'sodium free'.

This vaccine contains potassium, less than 1 mmol (39 mg) per dose, i.e. essentially 'potassium free'.

**3. How Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe is given**

Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe is given to you by your doctor or nurse as an injection into the muscle at the top of the upper arm (deltoid muscle).

Adults and children from 2 years of age:

One dose of 0.5 ml

**4. Possible side effects**

Like all medicines, this medicine can cause side effects, although not everybody gets them. The following side effects have been reported during clinical trials and during general use:

**Very serious side effects**

Tell your doctor immediately or go to the casualty department at your nearest hospital if you experience the following side effect – you may need urgent medical attention or hospitalisation:

- difficulty in breathing, dizziness, a weak and rapid pulse and skin rash which are symptoms of an anaphylactic reaction (a very severe allergic reaction)

**Serious side effects**

Tell your doctor immediately if you experience any of the following side effects – you may need medical attention:

- Extensive swelling of injected limb

**Mild side effects**

Very common (may affect more than 1 in 10 people):

- Injection site pain, bruising, reddening and hardening or swelling at the site of the injection
- Headache
- Muscle pain
- Tiredness
- Loss of appetite
- Irritability (only reported in children from 2 to < 6 years)
- Sleepiness (only reported in children 2 to < 6 years)

Hardening or swelling at the site of the injection, headache, muscle pain, and tiredness were common in the elderly.

Bruising at the site of the injection was common in adults, elderly and children 9 to < 18 years

Headache was common in the elderly

Loss of appetite was common in adults, elderly and children 9 to < 18 years

Common (may affect up to 1 in 10 people):

- Nausea, vomiting, diarrhoea
- Joint pain
- Shivering
- Change in eating habits (only reported in children from 2 to < 6 years)

- Fever ( $\geq 38^{\circ}\text{C}$ )
- Vomiting was uncommon in the elderly.  
Fever was uncommon in adults and the elderly

Not known (cannot be estimated from the available data):

- Numbness and tingling sensation
- Generalised skin reactions including itching, bumps on the skin or non-specific rash

### Reporting of side effects

If you get any side effects, talk to your healthcare professional. This includes any possible side effects not listed in this leaflet. You can also report side effects directly via the Yellow Card Scheme at: [www.mhra.gov.uk/yellowcard](http://www.mhra.gov.uk/yellowcard) or search for MHRA Yellow Card in the Google Play or Apple App Store. By reporting side effects, you can help provide more information on the safety of this medicine.

## 5. How to store Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe

Keep this vaccine out of the sight and reach of children.

Store in a refrigerator ( $2^{\circ}\text{C}$  to  $8^{\circ}\text{C}$ ). Do not freeze.  
Keep the pre-filled syringe in the outer carton in order to protect from light.

Do not use this vaccine after the expiry date which is stated on the label and carton after EXP. The expiry date refers to the last day of that month.

Do not throw away any medicines via wastewater or household waste. Ask your pharmacist how to throw away medicines you no longer use. These measures will help protect the environment.

## 6. Contents of the pack and other information

### What Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe contains

- The active substances are influenza virus surface antigens (haemagglutinin and neuraminidase), inactivated, of the following strains\*:

A/Hawaii/70/2019 (H1N1)pdm09-like strain (A/Nebraska/14/2019, wild type) 15 micrograms HA\*\*

A/Hong Kong/45/2019 (H3N2)-like strain (A/Delaware/39/2019, wild type) 15 micrograms HA\*\*

B/Washington/02/2019-like strain (B/Darwin/7/2019, wild type) 15 micrograms HA\*\*

B/Phuket/3073/2013-like strain (B/Singapore/INFTT-16-0610/2016, wild type) 15 micrograms HA\*\*

per 0.5 ml dose

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\* propagated in Madin Darby Canine Kidney (MDCK) cells (this is the special cell culture in which the influenza virus is grown);

\*\* haemagglutinin

This vaccine complies with the World Health Organisation (WHO) recommendation (northern hemisphere) and EU recommendation for the 2020/2021 season.

- The other ingredients are: sodium chloride, potassium chloride, magnesium chloride hexahydrate, disodium phosphate dihydrate, potassium dihydrogen phosphate and water for injections.

## **What Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe looks like and contents of the pack**

Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe is a suspension for injection in a pre-filled syringe (ready to use syringe).

Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe is a clear to slightly opalescent suspension.

A single syringe contains 0.5 ml of suspension for injection.

Cell-based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) Seqirus suspension for injection in pre-filled syringe is available in packs containing 1 pre-filled syringe with or without needle or 10 pre-filled syringes with or without needles.

Not all pack sizes may be marketed.

### **Marketing Authorisation Holder**

Seqirus UK Ltd.

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### **Manufacturer**

Seqirus Vaccines Limited

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**This leaflet was last revised in 07/09/2021.**

### **Other sources of information**

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The following information is intended for healthcare professionals only:

Appropriate medical treatment and supervision should always be readily available in case of a rare anaphylactic event following the administration of the vaccine.

Shake before use. After shaking, the normal appearance of the vaccine is a clear to slightly opalescent suspension.

The vaccine should be visually inspected for particulate matter and discoloration prior to administration. In the event of any foreign particulate matter and/or variation of physical aspect being observed, do not administer the vaccine.