

## Patient Information

VIREAD® (VEER-ee-ad)  
(tenofovir disoproxil fumarate)  
tablets

VIREAD® (VEER-ee-ad)  
(tenofovir disoproxil fumarate)  
oral powder

Read this Patient Information before you start taking VIREAD and each time you get a refill. There may be new information. This information does not take the place of talking with your healthcare provider about your medical condition or treatment.

### What is the most important information I should know about VIREAD?

VIREAD can cause serious side effects, including:

- **Worsening of Hepatitis B virus infection (HBV).** Your healthcare provider will test you for HBV and HIV before starting treatment with VIREAD. **If you have HBV infection and take VIREAD your HBV may get worse (flare-up) if you stop taking VIREAD.** A “flare-up” is when your HBV infection suddenly returns in a worse way than before.
  - **Do not** run out of VIREAD. Refill your prescription or talk to your healthcare provider before your VIREAD is all gone.
  - **Do not** stop taking VIREAD without first talking to your healthcare provider.
  - If you stop taking VIREAD, your healthcare provider will need to check your health often and do blood tests regularly to check your HBV infection. Tell your healthcare provider about any new or unusual symptoms you may have after you stop taking VIREAD.

**For more information about side effects, see “What are the possible side effects of VIREAD?”**

### What is VIREAD?

VIREAD is a prescription medicine that is used to:

- treat HIV-1 infection when used with other anti-HIV-1 medicines in adults and children 2 years of age and older who weigh at least 22 pounds (10 kg). HIV is the virus that causes AIDS (Acquired Immune Deficiency Syndrome).
- treat HBV infection in adults and children 2 years of age and older who weigh at least 22 pounds (10 kg). It is not known if VIREAD is safe and effective in children under 2 years of age.

### What should I tell my healthcare provider before taking VIREAD?

Before you take VIREAD, tell your healthcare provider about all of your medical conditions, including if you:

- have liver problems, including HBV infection
- have kidney problems or receive kidney dialysis treatment
- have bone problems
- have HIV infection
- are pregnant or plan to become pregnant. Tell your healthcare provider if you become pregnant during treatment with VIREAD.

**Pregnancy Registry.** There is a pregnancy registry for women who take VIREAD during pregnancy. The purpose of this registry is to collect information about the health of you and your baby. Talk to your healthcare provider about how you can take part in this registry.

- are breastfeeding or plan to breastfeed. VIREAD can pass to your baby in your breast milk.
  - **Do not** breastfeed if you have HIV-1 because of the risk of passing HIV-1 to your baby.
  - If you take VIREAD for treatment of HBV infection, talk with your healthcare provider about the best way to feed your baby.

**Tell your healthcare provider about all the medicines you take**, including prescription and non-prescription medicines, vitamins, and herbal supplements.

Some medicines may interact with VIREAD. Keep a list of your medicines and show it to your healthcare provider and pharmacist when you get a new medicine.

- You can ask your healthcare provider or pharmacist for a list of medicines that interact with VIREAD.
- Do not start a new medicine without telling your healthcare provider. Your healthcare provider can tell you if it is safe to take VIREAD with other medicines.

### How should I take VIREAD?

- Take VIREAD exactly as your healthcare provider tells you to take it.
- **Do not** change your dose or stop taking VIREAD without first talking with your healthcare provider. Stay under a healthcare provider’s care when taking VIREAD.
- Take VIREAD at the same time every day.

- For adults and children 2 years of age and older who weigh at least 77 pounds (35 kg), the usual dose of VIREAD is one 300 mg tablet each day.
- For children 2 years of age and older who weigh between 37 pounds (17 kg) and 77 pounds (35 kg), your healthcare provider will prescribe the right dose of VIREAD tablets based on your child's body weight.
- Adults and children 2 years of age and older who weigh at least 22 pounds (10 kg) and who are unable to swallow VIREAD tablets whole, may take VIREAD powder. Your healthcare provider will prescribe the right dose of VIREAD powder based on your or your child's body weight.
- Tell your healthcare provider if you or your child has problems with swallowing tablets.
- If your healthcare provider prescribes VIREAD powder for you or your child, see the **"Instructions for Use"** that comes with your VIREAD powder for information about the right way to measure and take VIREAD powder.
- Take VIREAD tablets by mouth, with or without food.
- **Do not** miss a dose of VIREAD. Missing a dose lowers the amount of medicine in your blood. Refill your VIREAD prescription before you run out of medicine.
- If you take too much VIREAD, call your local poison control center or go right away to the nearest hospital emergency room.

### What are the possible side effects of VIREAD?

#### VIREAD may cause serious side effects, including:

- **See "What is the most important information I should know about VIREAD?"**
- **New or worse kidney problems, including kidney failure.** Your healthcare provider should do blood and urine tests to check your kidneys before you start and during treatment with VIREAD. Your healthcare provider may tell you to take VIREAD less often, or to stop taking VIREAD if you get new or worse kidney problems.
- **Changes in your immune system (Immune Reconstitution Syndrome)** can happen when an HIV-1 infected person starts taking HIV medicines. Your immune system may get stronger and begin to fight infections that have been hidden in your body for a long time. Tell your healthcare provider right away if you start having new symptoms after starting your VIREAD for the treatment of HIV-1 infection.
- **Bone problems** can happen in some children or adults who take VIREAD. Bone problems include bone pain, or softening or thinning of bones, which may lead to fractures. Your healthcare provider may need to do tests to check your bones or your child's bones.
- **Too much lactic acid in your blood (lactic acidosis).** Too much lactic acid is a serious but rare medical emergency that can lead to death. Tell your healthcare provider right away if you get these symptoms: weakness or being more tired than usual, unusual muscle pain, being short of breath or fast breathing, stomach pain with nausea and vomiting, cold or blue hands and feet, feel dizzy or lightheaded, or a fast or abnormal heartbeat.
- **Severe liver problems.** In rare cases, severe liver problems can happen that can lead to death. Tell your healthcare provider right away if you get these symptoms: skin or the white part of your eyes turns yellow, dark "tea-colored" urine, light-colored stools, loss of appetite for several days or longer, nausea, or stomach-area pain.

The most common side effects in all people taking VIREAD are:

- |            |              |
|------------|--------------|
| • nausea   | • pain       |
| • rash     | • depression |
| • diarrhea | • weakness   |
| • headache |              |

In some people with advanced HBV-infection, other common side effects may include:

- |            |                     |
|------------|---------------------|
| • fever    | • stomach-area pain |
| • itching  | • dizziness         |
| • vomiting | • sleeping problems |

These are not all the possible side effects of VIREAD.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

### How should I store VIREAD?

- Store VIREAD tablets or powder at room temperature between 68°F to 77°F (20°C to 25°C).
- Keep VIREAD in the original container.
- Keep the bottle tightly closed.
- **Do not** use VIREAD if the seal over the bottle opening is broken or missing.

**Keep VIREAD and all medicines out of the reach of children.**

**General information about the safe and effective use of VIREAD.**

Medicines are sometimes prescribed for purposes other than those listed in a Patient Information leaflet. Do not use VIREAD for a condition for which it was not prescribed. Do not give VIREAD to other people, even if they have the same condition you have. It may harm them. You can ask your pharmacist or healthcare provider for information about VIREAD that is written for health professionals.

A vaccine is available to protect people at risk for becoming infected with HBV. You can ask your healthcare provider for information about this vaccine.

**What are the ingredients in VIREAD?**

**Active ingredient:** tenofovir disoproxil fumarate

**Inactive ingredients:**

VIREAD tablets: croscarmellose sodium, lactose monohydrate, magnesium stearate, microcrystalline cellulose, and pregelatinized starch.

VIREAD powder: mannitol, hydroxypropyl cellulose, ethylcellulose, and silicon dioxide.

**Tablet coating:**

VIREAD tablets 300 mg: Opadry II Y-30-10671-A, which contains FD&C blue #2 aluminum lake, hypromellose 2910, lactose monohydrate, titanium dioxide, and triacetin.

VIREAD tablets 150, 200, and 250 mg: Opadry II 32K-18425, which contains hypromellose 2910, lactose monohydrate, titanium dioxide, and triacetin.

Manufactured for and distributed by: Gilead Sciences, Inc. Foster City, CA 94404

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For more information, go to [www.viread.com](http://www.viread.com) or call Gilead Sciences, Inc. at 1-800-GILEAD-5 (1-800-445-3235).

This Patient Information has been approved by the U.S. Food and Drug Administration.

Revised: December 2018

**Instructions for Use**  
VIREAD® (VEER-ee-ad)  
(tenofovir disoproxil fumarate)  
powder  
for oral use

Read the Patient Information that comes with VIREAD powder for important information about VIREAD. Read this Instructions for Use before you give VIREAD for the first time. Be sure you understand and follow the instructions. If you have any questions, ask your healthcare provider or pharmacist.

**Important information**

- VIREAD powder comes in a box that has a bottle of VIREAD and a dosing scoop (see Figure A).



Figure A

- **Only use the dosing scoop to measure VIREAD powder.**
- **Only mix VIREAD powder with soft foods** that can be swallowed without chewing. Examples of soft foods you can use are: applesauce, baby food, or yogurt.
- **Do not mix VIREAD powder with liquid.** The powder may float to the top even after stirring.
- **Give the entire dose right away after mixing** to avoid a bad taste.

**How do I prepare and give a dose of VIREAD powder?**

1. Wash your hands well with soap and water, and dry them.
2. Measure  $\frac{1}{4}$  to  $\frac{1}{2}$  cup of soft food such as applesauce, baby food, or yogurt into a cup or bowl.
3. To open a new bottle of powder, press down on the bottle lid and turn to remove (see picture on the top of the bottle cap). Peel off the foil.
4. Measure the number of scoops prescribed by your healthcare provider.
  - For each full scoop prescribed:
    - Fill the dosing scoop to the top.
    - Use the flat edge of clean knife to make the powder even with the top of the scoop (see Figure B).

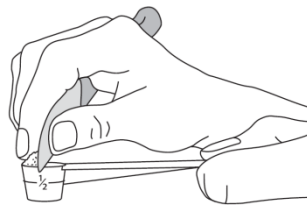


Figure B

- For  $\frac{1}{2}$  scoop:
  - Fill the dosing scoop up to the " $\frac{1}{2}$  line" on the side (see Figure C).



Figure C

5. Sprinkle the VIREAD powder on the soft food. Stir with a spoon until well mixed. **Give the entire dose right away after mixing to avoid a bad taste.**

6. Close the bottle of VIREAD tightly.
7. Wash and dry the dosing scoop. **Do not** store the dosing scoop in the bottle.

**How should I store VIREAD powder?**

- Store VIREAD powder at room temperature between 68 °F to 77 °F (20 °C to 25 °C).
- Keep VIREAD powder in the original container.
- Keep the bottle tightly closed.
- Do not use VIREAD powder if the seal over the bottle opening is broken or missing.

**Keep VIREAD and all medicines out of the reach of children.**

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