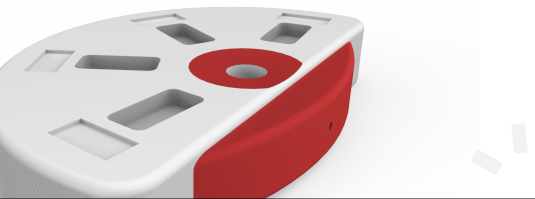



DETECT'EM ALL


The multi STIs Self-test


INSTRUCTIONS FOR USE



INTRODUCTION

 **Detect'Em All** is a screening test for **HIV** and **HBV** based on the analysis of a **drop of blood** drawn from the tip of a finger.


 Detect'Em All can be used **15 days** after a possible exposure to a STI.

 Detect'Em All is intended for an **autonomous use at home** or under medical supervision. The test will take **2 minutes** and the result can be obtained in just 15 minutes. A timer is required.

PRINCIPLE

Our test is based on the **detection of Reverse Transcriptase** which is an enzyme that is produced in the body 14 days after the infection by HIV. For **HBV** the test detects the **surface antigen HBsAg**.



 On each detection pad, **two bands may appear** : the control band (to check the sample migration) and the test band.

WARNINGS & PRECAUTIONS



Please read the **following instructions** carefully before using the test.

Wash your hands and dry them before starting the test.

Use only if exposure to HIV and HBV is superior to 2 weeks.

Only use the test if it was never opened, never used, not damaged, and kept in good storage conditions (as indicated on the package). Check the expiry date.

DO NOT RE-USE !

This is a self-test for private use only, for people who want to be diagnosed at home. It has to be used with a drop of blood freshly collected from your finger.

If you have trouble understanding the package insert or instructions for use, please contact Sida Info Service immediately at 0 800 840 800 (24/7).

Regardless of whether the test result is negative or positive, you should consult your doctor or a diagnosis center before making any medical decision.

Do not forget to also screen your sexual partner.

Precaution for use :

Safety : the buffer is mixture of Phosphate, Magnesium ionic buffer with non aggressive detergents, avoid any contacts with your body.

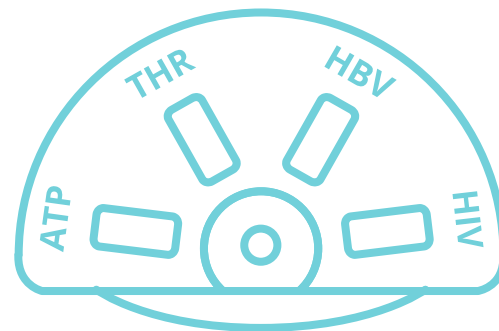
Biosafety : this test does not contains any dangerous substance.

Detection threshold :

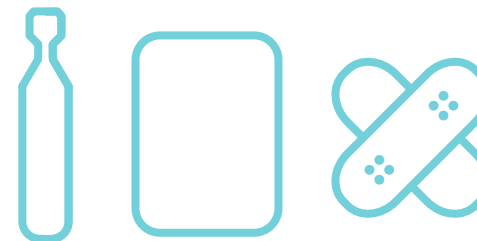
HIV RT : 490 nmol.L-1

HBsAg : 95 µmol.L-1

KIT CONTENTS



Detect'Em All



Buffer

Alcohol pad

Plaster

 Further **information** and a **demonstration video** are available at :

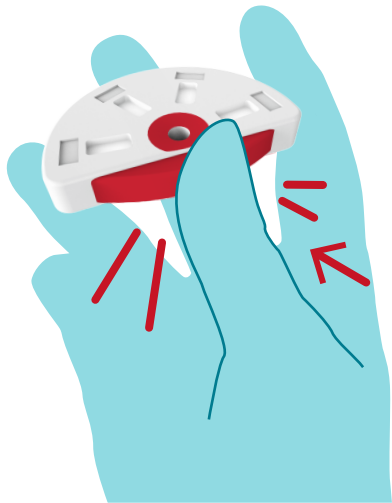
<http://2016.igem.org/Team:INSA-Lyon>



Produced and designed in Lyon
Made in France 

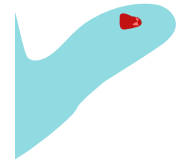
1

steps 1 to 3 must be completed one right after the other
Press the button

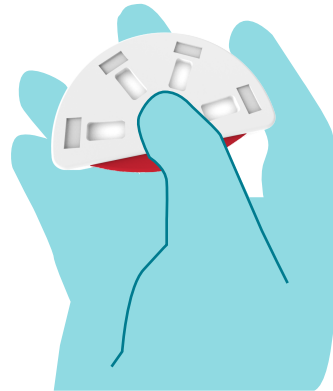


2

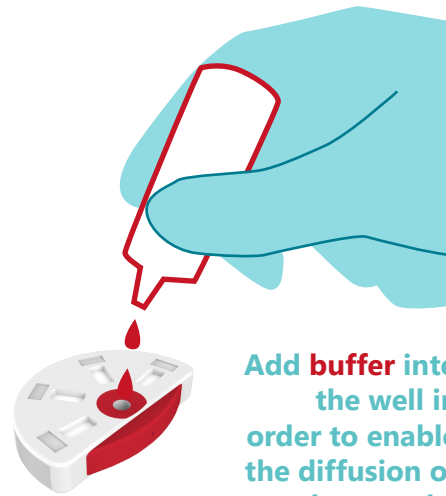
...to retrieve a drop of blood.



Place your finger in the **center** well of the device.

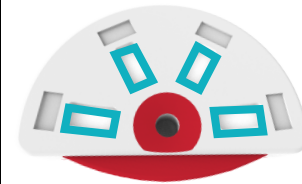


3



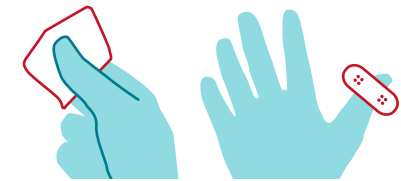
Add **buffer** into the well in order to enable the diffusion of the sample.

4



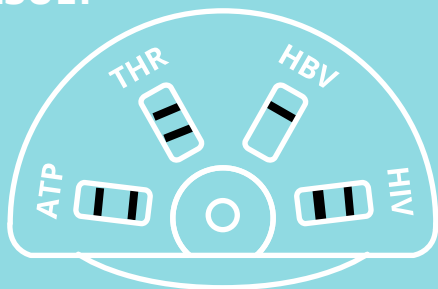
WAIT
15mn

LOOK



Don't forget to take care of your finger with the alcohol pad and the plaster.

RESULT



Positive test

Two bands appear on your test, which means that your blood contains the biomarker of the corresponding virus (HIV for example).

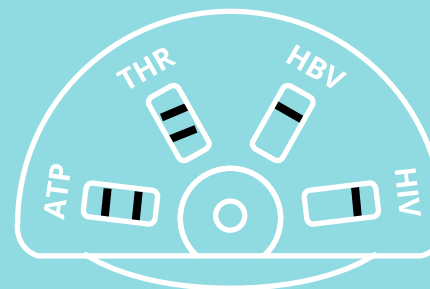


You may be **infected**. You should consult a healthcare professional to have the result confirmed and receive appropriate treatment.



Place your self-test here

If your self-test do not corresponds to any of those cases, the test is not valid. You can not conclude anything go to step 5 and repeat the test with another one or consults a doctor.



Negative test

A single band appears on your test, corresponding to the control band.



You may **not** have been infected.

5

DON'T FORGET to bring the test back to a drugstore in order to have it disposed of properly. The plastic casing can be recycled.



In any case, **do not hesitate to consult** your primary care-physician for advice on the diagnosis and the treatment options.