

# Determine™ HIV-1/2

Outstanding performance versus industry standards

## Excellent sensitivity<sup>4</sup>

Population	Determine™ HIV-1/2	Test A
HIV-1 positive	100%	100%
HIV-2 positive	100%	100%
HIV-1 Subtypes A-G	100%	Not tested
HIV-1 Group O	100%	Not tested
<b>Total</b>	<b>100%</b>	<b>100%</b>

## Excellent specificity<sup>5</sup>

Population	Determine™ HIV-1/2	Test A
Seronegatives	Serum	99.89%
	Plasma	100%
Pregnant females	100%	100%
West Africans	97.96%	97.96%
Disease states other than HIV and potentially interfering substances	98.86%	99.45%
<b>Total</b>	<b>99.75%</b>	<b>99.87%</b>

### References

- HIV Assays: Operational Characteristics (Phase 1). Report 14: Simple/Rapid Tests. Geneva, World Health Organisation, 2004. <http://www.who.int/eht/>
- 2004 Report on the Global AIDS Epidemic: 4th global report. Geneva, Joint United Nations Programme on HIV/AIDS (UNAIDS), 2004. <http://www.unaids.org>
- Centres for Disease Control and Prevention. Syphilis Fact Sheet. May, 2004. <http://www.cdc.gov/std/Syphilis/STDFact-Syphilis.htm>
- A total of 869 HIV-1 and HIV-2 antibody positive serum and plasma specimens from Asia, Africa, North America and South America were tested by Determine HIV-1/2 and a commercially available test.
- A total of 1,594 serum and plasma specimens from Asia, West Africa, and North America were tested by Determine HIV-1/2 and a commercially available test.

Order Details	Sample Type	Kit Size	Product Code
Determine HIV 1/2	Serum Plasma *Whole Blood	20 Tests	7D2342
Determine HIV 1/2	Serum Plasma *Whole Blood	100 Tests	7D2343
Determine HIV 1/2 (CE)	Serum Plasma, *Whole Blood	20 Tests	7D2346
Determine HIV 1/2 (CE)	Serum Plasma, *Whole Blood	100 Tests	7D2347

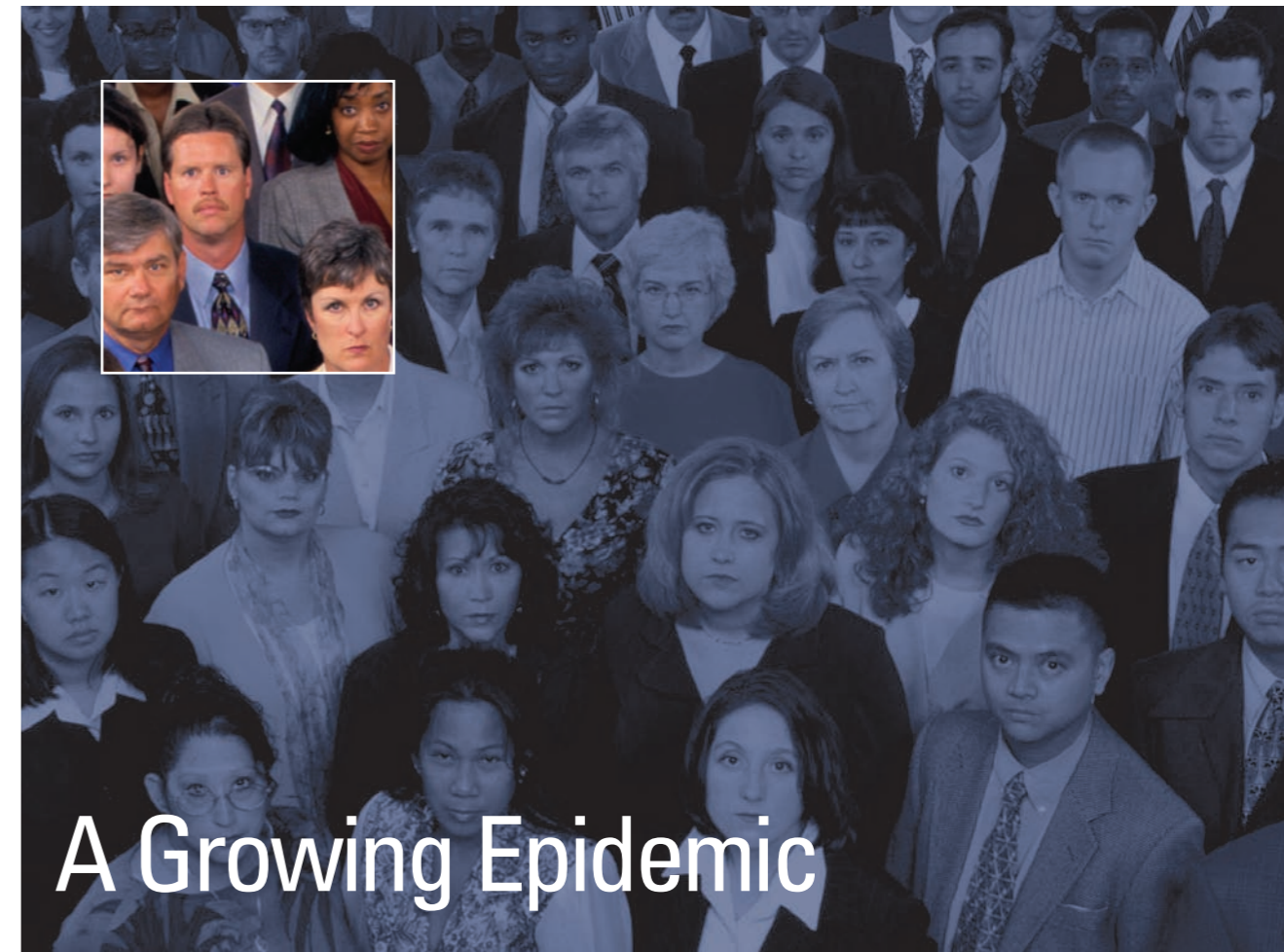
\*For Whole Blood application please order Chase Buffer.

Accessories	Kit Size	Product Code
EDTA Capillary Tubes	100 Tests	7D2222
EDTA Capillary Tubes (CE)	100 Tests	7D2227
Chase Buffer	100 Tests	7D2243
Chase Buffer (CE)	100 Tests	7D2247

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# determine HIV-1/2



**A Growing Epidemic**

detect... diagnose... determine...



# HIV-1/2

## A Growing Epidemic

HIV/AIDS prevention  
begins with knowledge of HIV status

Most HIV infection is diagnosed based on  
antibody detection<sup>1</sup>

### Significant disease burden

- Some 37.8 million people are living with HIV<sup>2</sup>
- 4.8 million people were newly infected in 2003<sup>2</sup>
- The incidence continues to rise, especially in women<sup>2</sup>

### Linked to other sexually transmitted diseases

- 2- to 5-fold increased risk of acquiring HIV infection when syphilis is present<sup>3</sup>
- HIV virus is transmitted more readily in people with untreated STDs<sup>2</sup>

### Simple, rapid diagnostic tests can help

- Diagnose individual infection
- Prevent mother-to-child transmission
- Monitor HIV prevalence
- Screen blood donations



[www.determinetest.com](http://www.determinetest.com)



## Determine™ HIV-1/2

A rapid *in vitro* qualitative immunoassay for detection of antibodies to the Human Immunodeficiency Virus Type 1 (HIV-1) and Type 2 (HIV-2)

### Detects all known subtypes of HIV

### Rapid

- Clear, dependable results in 15 minutes

### Simple procedure

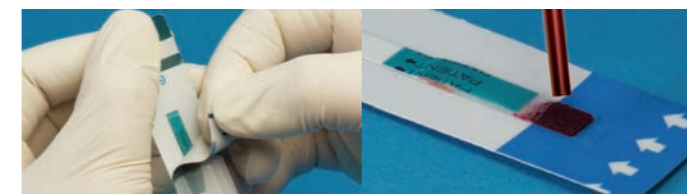
- Step 1, add 50µl of sample to pad. If using whole blood, add chase buffer. Step 2, wait 15 minutes, then read the result. Two red bars = positive. One red bar in the control window = negative. (No red bar in the control window means test is invalid.)
- Requires minimal training and no equipment
- So easy it can be used at the lowest levels of health care service

### Flexible

- Can use whole blood or serum/plasma
- Collection can be by fingerstick or venipuncture

### Easy to transport and store

- No refrigeration required
- Storage conditions 2-30°C
- No power or water source needed to run the test



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