

**RAPID HIV TESTING TECHNOLOGIES** (compiled by staff of the Oregon HIV Prevention Program)

Comparison of tests currently available as of May 2008:

- OraQuick Advance HIV 1/2 Antibody Test (OraSure Technologies, Inc),
- Uni-Gold Recombigen HIV (Trinity Biotech), and
- Clearview HIV 1/2 Stat-Pak (Inverness Medical Innovations)
- Clearview Complete HIV 1/2 (Inverness Medical Innovations)

		OraQuick Advance HIV 1/2 Antibody Test	Uni-Gold Recombigen HIV	Clearview HIV 1/2 Stat-Pak	Clearview Complete HIV 1/2
<b>SPECIMEN COLLECTION</b>	<b>Venipuncture Whole Blood</b>	YES	YES	YES	YES
	<b>Fingerstick Whole Blood</b>	YES	YES	YES	YES
	<b>Plasma</b>	YES	YES	YES	YES
	<b>Serum</b>	NO	YES	YES	YES
	<b>Oral Fluid</b>	YES	NO	NO	NO
<b>COMPLEXITY</b>	<b>Waived</b>	Venipuncture and Fingerstick Whole Blood, Oral Fluid	Venipuncture and Fingerstick Whole Blood	Venipuncture and Fingerstick Whole Blood	Venipuncture and Fingerstick Whole Blood
	<b>Moderate</b>	Plasma	Plasma, Serum	Plasma, Serum	Plasma, Serum
		OraQuick Advance HIV 1/2 Antibody Test	Uni-Gold Recombigen HIV	Clearview HIV 1/2 Stat-Pak	Clearview Complete HIV 1/2

<b>SHELF LIFE</b>	<b>Control Kits</b>	1 yr. unopened, 8 weeks opened	1 yr. unopened 30 days opened	18-24 months opened or unopened	18-24 months opened or unopened
	<b>Test Kits</b>	12 Months	12 Months	24 Months	24 Months
<b>TEMPERATURE LIMITATIONS</b>	<b>Control Kit Storage</b>	35°- 46° F	36°- 46° F	36° - 46° F	36° - 46° F
	<b>Test Kit Storage</b>	35°- 80° F	36°- 81° F	46°- 86° F	46°- 86° F
	<b>Testing Environment</b>	59°- 99° F	59°- 81° F	64°- 86° F	64°- 86° F
<b>TIME</b>	<b>Minimum Time for Development of Results</b>	20 Minutes	10 Minutes	15 Minutes	15 Minutes
	<b>Read Window</b>	20 Minutes	2 Minutes	5 Minutes	4 Minutes
<b>SENSITIVITY</b> (how good a test is at correctly identifying people who have antibodies to HIV)	<b>Venipuncture Whole Blood</b>	99.6%	100%	99.7%	99.7%
	<b>Fingerstick Whole Blood</b>	99.6%	100%	99.7%	99.7%
	<b>Plasma</b>	99.6%	100%	99.7%	99.7%
	<b>Serum</b>	N/A	100%	99.7%	99.7%
	<b>Oral Fluid</b>	99.3%	N/A	N/A	N/A
<b>SPECIFICITY</b> (how good a test is at correctly identifying people who are HIV - )	<b>Venipuncture Whole Blood</b>	100%	99.7%	99.9%	99.9%
	<b>Fingerstick Whole Blood</b>	100%	99.7%	99.9%	99.9%
	<b>Plasma</b>	99.9%	99.7%	99.9%	99.9%
	<b>Serum</b>	N/A	99.7%	99.9%	99.9%
	<b>Oral Fluid</b>	99.8%	N/A	N/A	N/A
		<b>OraQuick Advance HIV 1/2 Antibody</b>	<b>Uni-Gold Recombigen HIV</b>	<b>Clearview HIV 1/2 Stat-Pak*</b>	<b>Clearview Complete HIV 1/2</b>

Updated July 2009

		Test			
<b>SEROCONVERSION DETECTION</b>	<b>Oral Fluid</b>	~0.86 days earlier than WB* (almost 1day)	N/A	N/A	N/A
	<b>Fingerstick Whole Blood</b>		~0.43 days earlier than WB* (almost half a day)	Similar to other currently licensed assays	Similar to other currently licensed assays
<b>COST</b>	<b>Control Kits</b>	~\$25	\$22.50 (No charge for shipping when ordered with test kits)	\$35 (No charge for shipping when ordered with test kits)	\$35 (No charge for shipping when ordered with test kits)
		~\$30			
	<b>Test Kits</b>	\$12.50	\$8.25 (No shipping charges)	\$8.25 (No shipping charges)	\$9.25 (No shipping charges)