

# ORTHO® DONOR SCREENING ASSAY COMPARISON

Ortho Clinical Diagnostics

Because Every Test Is A Life™

PRODUCT NAME	ORTHO® HCV 3.0 ELISA Test System	ORTHO® HbC ELISA Test System	ORTHO <i>T. cruzi</i> Test System	AVIOQ HTLV-I/II Microelisa*	Bio Rad GS HBsAg 3.0 EIA	Bio Rad GS HIV-1/HIV-2 PLUS O
Product Codes	6195566, 6195567	933245, 933275	6901968, 6901969	500192, 500576, 509600	32591, 25258	32588, 25256
Remove from 2-8°C, 30 min Before Use	All Reagents	All Reagents	All Reagents	All Reagents	All except Conj. Conc.	All except Conj. Conc.
Assay ID	DD	CD	LA	EJ	BK	AJ
Open Plate (Pouch) stable w/desiccant	42 days	30 days	30 days	4 weeks or Plate Package	Plate Package	Plate Package
BLANK WELL Y/N	Yes - 1A	Yes - 1A	Yes - 1A	No - (1A unused)	No	No
CONTROLS Per Plate	3-Neg 2-Pos	3-Neg 2-Pos	2-Neg 3-Pos	3-Neg 1-Pos I 1-Pos II	3-Neg 2-Low Pos 2-Pos	3-Neg 1-Pos 1, 1-Pos 2, 1-Pos 0
External Run Control Type (Neg/ Pos) – required	Neg	Neg	Pos	Neg	Neg	Neg
SPECIMEN DILUENT Volume	200 µL (except 1A)	200 µL (except 1A)	200 µL (except 1A)	80 µL	None	25 µL
CONTROL/SAMPLE Volume	10 µL	10 µL	20 µL	20 µL	100 µL	75 µL
1 <sup>st</sup> INCUBATION TIME (min)	60 ±5	60 ±5	60 ±5	60 ±5	60 ±5	60 ±5
1 <sup>st</sup> INCUBATION TEMP °C	37 ±1	37 ±1	37 ±1	37 ±2	37 ±1	37 ±2
WASH BUFFER Type	20X	20X	20X	25X	30X	30X
WASH Sol. Exp. (Rm Temp)	30 days	30 days	30 days	2 weeks	4 weeks	4 weeks
CONJUGATE – Prep?	Stable – No prep	Stable – No prep	Stable – No prep	Prep Required	Prep Required	Prep Required
CONJUGATE STABILITY (how long can it be used)	N/A	N/A	N/A	4 hrs	8 hrs	8 hrs
CONJUGATE Volume	200 µL (except 1A)	200 µL (except 1A)	200 µL (except 1A)	100 µL	100 µL	100 µL
2 <sup>nd</sup> INCUBATION TIME (min)	60 ±5	60 ±5	30 ±1	30 ±5	60 ±5	30 ±5
2 <sup>nd</sup> INCUBATION TEMP °C	37 ±1	37 ±1	37 ±1	37 ±2	37 ±1	37 ±2
SUBSTRATE Volume	200 µL (including 1A)	200 µL (including 1A)	200 µL (including 1A)	100 µL	100 µL	100 µL
SUBSTRATE STABILITY-dark	8 hrs	8 hrs	8 hrs	6 hrs	8 hrs	8 hrs
Is it a TMB SUBSTRATE? y/n	No	No	No	Yes	Yes	Yes
IF YES – what is unique about the reagent container?	N/A	N/A	N/A	Discard after each use	Discard after each use	Discard after use
3 <sup>rd</sup> INCUBATION TIME (min)	30 ±1	30 ±1	30 ±1	30 ±5	30 ±3	30 ±5
3 <sup>rd</sup> INCUBATION TEMP °C	15 – 30	15 – 30	15 – 30	15 – 30	15 – 30	18 – 30
Stopping Solution Used	4N	4N	4N	2N	1N	1N
Stopping Solution Volume	50 µL	50 µL	50 µL	100 µL	100 µL	100 µL

\*EnzAbody Concentrate – Pipet 4.0 ml EnzAbody Diluent into 1 vial of lyophilized EnzAbody Concentrate at least 30 min prior to use, expires in 5 weeks when stored at 2-8 °C.

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<b>SAMPLES</b>						
Ambient Shipping	OK up to 7 days	OK up to 6 days	OK up to 7 days	Yes	OK up to 7 days	OK up to 7 days
Specimen Storage (includes transit if not frozen)	2-8 °C up to 10 days	2-8 °C up to 10 days	2-8 °C up to 10 days	2-8 °C up to 14 days	2-8 °C up to 7 days	2-8 °C up to 7 days
Freeze limitations	4 weeks/5 cycles	5 cycles	4 weeks/5 cycles or 6 months/1 cycle (living only)	1 cycle (living) 4 cycles (cadaveric)	5 cycles	5 cycles
Preferred attributes	Clear, non-hemolyzed	Clear, non-hemolyzed	Clear, non-hemolyzed	Clear, non-hemolyzed	N/A	N/A
Centrifugation	Visible particulates	Visible particulates	Visible particulates	Visible particulates	Visible particulates	Visible particulates
Cadaveric Claim	Yes	No	Yes	Yes	Yes	Yes

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