

**Supplemental Table 1: Diagnostic accuracy estimates as reported by authors**

	Nicol et al.									Nkereuwem et al.									Barrio et al.								
	Total (n)	TP (n)	FP (n)	FN (n)	TN (n)	Sens %	95%CI	Spec %	95%CI	Total (n)	TP (n)	FP (n)	FN (n)	TN (n)	Sens %	95%CI	Spec %	95%CI	Total (n)	TP (n)	FP (n)	FN (n)	TN (n)	Sens %	95%CI	Spec %	95%CI
<b>Overall</b>																											
<b>MRS</b>																											
FujiLAM	204	35	10	49	110	41.7	31.7–52.3	91.7	85.3–95.4	415	40	55	23	297	64.9	43.7–85.2	83.8	76.5–89.4	79	3	5	2	69	60	17–93	95	73–100
AlereLAM	204	42	41	42	79	50.0	39.5–60.5	65.8	57.0–73.7	415	19	40	44	312	30.7	8.6–61.6	87.8	79.0–93.7	-	-	-	-	-	-	-	-	-
<b>CRS</b>																											
FujiLAM	204	44	1	121	38	26.7	20.5–33.9	97.4	86.8–99.5	415	58	37	118	202	32.9	24.6–41.9	83.3	71.8–91.7	73	6	2	49	22	11	523	92	72–99
AlereLAM	204	73	10	92	29	44.2	36.9–51.9	74.4	58.9–85.4	415	36	23	140	216	20.2	12.3–29.4	90.0	81.6–95.6	-	-	-	-	-	-	-	-	-
<b>HIVpositive</b>																											
<b>MRS</b>																											
FujiLAM	40	15	1	10	14	60.0	40.7–76.6	93.3	70.2–98.8	61	8	11	7	35	54.8	28.7–81.5	75.9	61.8–86.9	-	-	-	-	-	-	-	-	-
AlereLAM	40	9	8	16	7	36.0	20.2–55.5	46.7	24.8–69.9	61	5	9	10	37	36.6	13.8–70.4	80.4	66.3–91.0	-	-	-	-	-	-	-	-	-
<b>CRS</b>																											
FujiLAM	-	-	-	-	-	-	-	-	-	61	14	5	30	12	31.9	18.9–47.0	71.4	46.8–91.5	-	-	-	-	-	-	-	-	-
AlereLAM	-	-	-	-	-	-	-	-	-	61	13	1	31	16	29.3	16.3–44.6	92.8	72.6–99.8	-	-	-	-	-	-	-	-	-
<b>HIVnegative</b>																											
<b>MRS</b>																											
FujiLAM	164	20	9	39	96	33.9	23.1–46.6	91.4	84.5–95.4	344	31	40	15	258	67.5	41.8–88.0	85.9	79.2–91.0	-	-	-	-	-	-	-	-	-
AlereLAM	164	33	33	26	72	55.9	43.3–67.8	68.6	59.2–76.7	344	14	30	32	268	26.6	1.2–66.4	89.1	80.7–94.7	-	-	-	-	-	-	-	-	-
<b>CRS</b>																											
FujiLAM	-	-	-	-	-	-	-	-	-	344	43	28	86	187	33.2	23.7–43.5	85.7	76.2–92.2	-	-	-	-	-	-	-	-	-
AlereLAM	-	-	-	-	-	-	-	-	-	344	23	21	106	194	15.3	1.7–37.5	89.3	81.0–94.7	-	-	-	-	-	-	-	-	-
<b>Age</b>	<b>&lt;2yrs</b>									<b>&lt;5yrs</b>																	
<b>MRS</b>																											
FujiLAM	59	9	7	13	30	40.9	23.3–61.3	81.1	65.8–90.5	194	16	35	10	133	61.8	36.6–85.5	78.5	69.1–86.0	-	-	-	-	-	-	-	-	-
AlereLAM	59	16	18	6	19	72.7	51.8–86.8	51.4	35.9–66.6	194	9	32	17	136	38.8	0.4–98.9	80.5	68.3–89.4	-	-	-	-	-	-	-	-	-
<b>CRS</b>																											
FujiLAM	-	-	-	-	-	-	-	-	-	194	28	23	55	88	33.3	19.8–48.3	78.4	66.5–87.2	-	-	-	-	-	-	-	-	-
AlereLAM	-	-	-	-	-	-	-	-	-	194	20	21	63	90	23.3	10.0–39.9	81.4	70.4–90.4	-	-	-	-	-	-	-	-	-
<b>Age</b>	<b>&gt;2yrs</b>									<b>&lt;5yrs</b>																	
<b>MRS</b>																											
FujiLAM	145	26	3	36	80	41.9	30.5–54.3	96.4	90.0–98.8	221	24	20	13	164	67.1	40.1–90.2	88.8	82.1–93.6	-	-	-	-	-	-	-	-	-
AlereLAM	145	26	23	36	60	41.9	30.5–54.3	72.3	61.8–80.8	221	10	8	27	176	26.9	7.2–54.8	95.2	89.7–98.3	-	-	-	-	-	-	-	-	-
<b>CRS</b>																											
FujiLAM	-	-	-	-	-	-	-	-	-	221	30	14	63	114	32.7	22.4–44.4	88.2	76.0–96.4	-	-	-	-	-	-	-	-	-
AlereLAM	-	-	-	-	-	-	-	-	-	221	16	2	77	126	17.3	9.6–27.4	98.1	93.7–99.9	-	-	-	-	-	-	-	-	-