

Supplemental Digital Content 1. Latest pre-event levels of circulating markers of monocyte activation, coagulation, endothelial dysfunction, inflammation and tissue fibrosis.

Biomarker	VTE Cases	HIV+ Controls	p-value
sCD14 (µg/mL)	2.35 (1.90-3.01)	2.01 (1.39-2.26)	.03
D-dimer (mg/L)	1.31 (0.37-2.31)	0.26(0.17-0.46)	<.0001
Tissue Factor (pg/mL)	47.8 (33.4-57.4)	44.8 (37.4-63.0)	.71
Von Willebrand Factor (%)	196.5 (161.5-250.1)	143.6 (109-210.1)	.004
Thrombomodulin (ng/mL)	3.0 (2.6-4.4)	2.6 (2.2-3.0)	.02
ICAM-1 (ng/mL)	1.6 (1.1-2.7)	1.4 (1.1-2.3)	.55
ICAM-3 (ng/mL)	334.3 (259.8-546.8)	309.5 (223-347.9)	.19
VCAM-1 (ng/mL)	478.1 (439.1-794.9)	486.4 (385.9-587.5)	.49
E-Selectin (ng/mL)	9.5 (7.3-13.1)	8.9 (7.1-15)	.90
P-Selectin (ng/mL)	54.2 (46.4-71.5)	40.1 (34.1-48.9)	<.0001
hsCRP (mg/L)	11.2 (2.14-27.2)	2.01 (1.26-4.12)	.001
SAA (ng/mL)	5977 (4139-30278)	3475 (1842-7475)	.002
MIP1b (pg/mL)	102.6 (74.8-140.3)	102.2 (77.2-136.6)	.73
IP10 (pg/mL)	509.3 (206.5-1031)	329.2 (230.7-633.3)	.32
TARC (CCL17) (pg/mL)	207.2 (120.2-344.4)	126.4 (104.1-173.7)	.006
MCP-1 (pg/mL)	349.2 (272.3-589.7)	329.4 (266.4-406)	.15
MCP-4 (pg/mL)	338.2 (260.9-588.9)	303 (216.6-435.2)	.10
MDC (pg/mL)	3756 (2682-5311)	3508 (2494-4625)	.27
Eotaxin (pg/mL)	1242 (892-1675)	1032 (738-1403)	.11
Eotaxin-3 (pg/mL)	81 (62.2-94.4)	76.2 (58.8-91.1)	0.61
IL-1b (pg/mL)	0.2 (0.1-0.3)	0.1 (0.1-0.2)	.33
IL-6 (pg/mL)	1.5 (.78-5.6)	1 (0.6-1.6)	.04
IL-8 (pg/mL)	2.7 (1.3-4.1)	1.6 (1.0-2.9)	.05
IL-10 (pg/mL)	2.4 (1.3—4.4)	2.2 (1.4-3.3)	.63
IL-12p70 (pg/mL)	0.7 (0.3-1.0)	0.6 (0.3-1.0)	.97
TNFα (pg/mL)	7.4 (4.7-11.2)	5.9 (4.6-7.8)	.15
IFNγ (pg/mL)	1.1 (0.4-1.7)	0.7 (0.4-1.3)	.26
TIMP-1 (ng/mL)	249.1(190.2-352.3)	191.4 (150.2-234.0)	.002
Hyaluronic acid (ng/mL)	34.3 (20.7-69.3)	22.6 (12.4-41.3)	.01

Supplemental Digital Content 2. Reference range values from HIV-negative, healthy participants

sCD14 1.81 µg/mL (1.56-2.04); D-dimer 0.22 mg/L (0.136-0.289), sTF 49.3 pg/mL (40.4-61.5), vWF 64.3% (51.9-89.6), sTM 3.4ng/mL (2.9-3.9), ICAM-1 1.3ng/mL (1.0-1.7), ICAM-3 206.4ng/mL (175.3-233.1), VCAM-1 361.5ng/mL (282.8-461.2), E-selectin 12.8ng/mL (10.2-14.6), P-selectin 51.9ng/mL (42.4-74.2), hsCRP 356.6 mg/L (153.9-1151), SAA 1238ng/mL (717.5-2385), MIP1b 132.2pg/mL (79.9-132.2), IP10 360.3pg/mL (244.9-467.9), TARC (CCL17) 286.6pg/mL (171-408.3), MCP-1 456.4pg/mL (373.6-577.2), MCP-4 1746pg/mL (1260-2425), MDC 2617pg/mL (2280-3499), Eotaxin 8499pg/mL (6228-11315), Eotaxin-3 94.5pg/mL (74.9-122.3), IL-1b 0.25pg/mL (0.1-0.5), IL-6 0.75pg/mL (0.5-1.05), IL-8 3.8pg/mL (2.6-5.2), IL-10 2.7pg/mL (1.9-4.0), IL-12p70 1.0pg/mL (0.5-3.2), TNFα 5.5 pg/mL (4.4-6.3), IFNγ 1.2pg/mL (0.6-1.7), TIMP-1 1180.3ng/mL (136.1-229.9), HA 27.5ng/mL (12.8-99.8).