

# SSAT 066: Statistical Analyses Results

Version 6.0: 22<sup>nd</sup> January 2018

## eGFR - MDRD with serum creatinine

The MDRD formula serum creatinine is required in mg/dL.

Serum creatinine unit in SSAT 066 database is in umol/L.

Conversion was therefore used: 1 µmol/L = 0.011312217194570135 mg/dL

Source: <http://www.endmemo.com/medical/unitconvert/Creatinine.php>

mL/min/1.73 m <sup>2</sup>	Total=60					
	Median (IQR)					
	Baseline	Week 4	Week 12	Week 24	Week 36	Week 48
(Levey et al. 2009)	<b>Arm 1:</b> Truvada® (200mg/245mg film coated tablets) one tablet once daily + Raltegravir 400mg (one tablet) twice daily <b>N=20</b>					
eGFR - MDRD	109.8 (97.7 to 118.3)  Range: 78.6 to 138.0	N=19 105.1 (95.5 to 116.8)  Range: 83.9 to 126.6	N=18 103.9 (92.6 to 117.9)  Range: 79.6 to 125.0	N=19 105.1 (96.7 to 117.1)  Range: 79.5 to 133.4	N=18 100.9 (88.4 to 111.1)  Range: 70.6 to 129.5	N=18 103.0 (70.6 to 129.0)  Range: 70.6 to 129.0
	<b>Arm 2:</b> Truvada® (200mg/245mg film coated tablets) one tablet once daily + Dolutegravir 50mg once daily <b>N=20</b>					
eGFR - MDRD	114.6 (98.9 to 122.5)  Range: 52.2 to 130.4	N=19 98.1 (79.0 to 105.3)  Range: 64.7 to 120.3	89.9 (78.3 to 104.5)  Range: 56.5 to 122.4	N=17 94.8 (87.1 to 105.6)  Range: 72.0 to 120.3	N=19 89.0 (77.8 to 100.0)  Range: 67.9 to 112.5	N=19 90.5 (71.2 to 107.0)  Range: 63.8 to 121.8

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	<b>Arm 3:</b> Stribild®150mg/150mg/200mg/245mg tablet once daily <b>N=20</b>					
eGFR - MDRD	115.7 (103.6 to 122.6)  Range: 89.6 to 154.9	N=18 102.3 (97.2 to 109.9)  Range: 80.1 to 149.1	N=18 101.7 (87.6 to 116.9)  Range: 68.2 to 146.7	N=19 92.5 (84.1 to 112.4)  Range: 74.4 to 164.7	N=19 101.5 (85.1 to 113.0)  Range: 77.9 to 143.7	N=20 99.6 (88.2 to 109.0)  Range: 68.2 to 140.8

Levey, A. et al., 2009. A new equation to estimate glomerular filtration rate. *Annals of internal medicine*, 150(9), pp.604–612.