



# ***PROCUREMENT AND INVENTORY MANAGEMENT***

Handout (H3:M3)

## HANDOUT 3: FORECASTING (H3:M3)

Quarterly Supply requirements for Xpert MTB/RIF Ultra testing							
Laboratory <b>Regional reference laboratory</b>							
Region <b>Western Region</b>				Supply Quarter <b>3</b>			
District <b>Urban</b>				Year <b>2016</b>			
Total tests performed in previous quarter, including failed tests (A) <b>756</b>							
Items	Quantity needed per test (B)	Stock for one month (C) $= (A/3) * B$	Stock for quarter with 1 month buffer (D) $= C * 4$	Stock on hand (E)	Calculated request (F) $= D - E$	Order unit (G)	Actual order (H) $= F/G$ and round up
Sputum container	1	252	1,008	250	758	100 pack	8 packs
Xpert MTB/RIF Ultra	1	252	1,008	175	833	10 kit	84 kits
Bleach (L)	0.015	0.378	1.512	3L	-1.488	4L bottle	0 bottles