

***PROCUREMENT AND INVENTORY MANAGEMENT***

Handout (H3:M3)

HANDOUT 3: FORECASTING (H3:M3)

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| Quarterly Supply requirements for Xpert MTB/RIF Ultra testing | | | | | | | |
| Laboratory **Regional reference laboratory** | | | | | | | |
| Region **Western Region** | | | | Supply Quarter **3** | | | |
| District **Urban** | | | | Year **2016** | | | |
| Total tests performed in previous quarter, including failed tests (A) **756** | | | | | | | |
| 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** |