

***PROCUREMENT AND INVENTORY MANAGEMENT***

Handout (H2:M3)

HANDOUT 2: FORECASTING (H2:M3)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 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) **375** | | | | | | | |
| 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** | **125** | **500** | **75** | **425** | **100 pack** | **5 packs** |
| Xpert MTB/RIF Ultra | **1** | **125** | **500** | **20** | **480** | **10 kit** | **48 kits** |
| Bleach (L) | **0.0015** | **0.1875** | **0.75** | **1L** | **-0.25** | **4L bottle** | **0 bottles** |