

## **LABORATORY SERVICES COVID 19 WEEKLY SUMMARY REPORT**

**Week 24/05/2020-03/06/2020**

Since the onset of the COVID 19 outbreak, Zimbabwe has carried out a total of **19237 PCR tests and 23594** Rapid Diagnostic Tests. The country has also introduced the cartridge based PCR tests (Gene Xpert) and this has been deployed at 15 sites across all Provinces. The deployment is phase based and the intention is to have district hospitals carrying out COVID 19 testing using Gene Xpert.

This week the Ministry of Health and Child Care received 7000 primers for PCR from Africa Centre for Disease Control. However, the accompanying consumables were not supplied. The Directorate of Laboratory Services is also evaluating use of dry cotton swabs, 0.9% saline and Phosphate Buffer Saline as viable sample transport kits. There is evidence that saline can be used as a viable viral transport media and it is already recommended for Gene Xpert. If found to work it will solve current challenges with sample transportation kits.

The Secretary for Health has also written letters to the Chair of the mobilisation subcommittee and the Managing Director of NATPHARM seeking assistance in accessing funds for Laboratory commodities and pushing on the expediting of procurements respectively. A comprehensive budget of Laboratory commodities accompanied the aforementioned letters.

Kindly find the summarised statistics below.

See table 1-4, number of tests, stock status and procurement update respectively

**Table 1**

<b>Cumulative Number of Tests Conducted to Date (03 June 2020)</b>				
	<b>Daily Totals</b>		<b>Cumulative Totals</b>	
<b>Province</b>	<b>RDT</b>	<b>PCR</b>	<b>RDT</b>	<b>PCR</b>
<b>Bulawayo</b>	<b>2</b>	<b>124</b>	<b>1168</b>	<b>3484</b>
<b>Harare</b>	<b>273</b>	<b>203</b>	<b>5125</b>	<b>11804</b>
<b>Manicaland</b>	<b>88</b>	<b>70</b>	<b>1984</b>	<b>962</b>
<b>Mashonaland Central</b>	<b>0</b>	<b>0</b>	<b>1835</b>	<b>109</b>
<b>Mashonaland East</b>	<b>25</b>	<b>23</b>	<b>1306</b>	<b>627</b>
<b>Mashonaland West</b>	<b>7</b>	<b>34</b>	<b>2636</b>	<b>881</b>
<b>Midlands</b>	<b>98</b>	<b>29</b>	<b>1944</b>	<b>620</b>
<b>Masvingo</b>	<b>79</b>	<b>16</b>	<b>1764</b>	<b>540</b>
<b>Matebeleland North</b>	<b>1</b>	<b>0</b>	<b>1214</b>	<b>440</b>
<b>Matebeleland South</b>	<b>18</b>	<b>185</b>	<b>5539</b>	<b>1027</b>
<b>Total</b>	<b>591</b>	<b>684</b>	<b>24515</b>	<b>20494</b>

**Table 2**

Test summary for the week

Tested(PCR)	2460
Rapids	4747

**Table 3****Stock Status**

<b>ITEM</b>	<b>Number of available tests</b>	<b>Number of days</b>	<b>Comments</b>
PCR kits	9000	20	
VTM tubes	0	0	Major limiting factor as fewer samples are being tested
Extraction kits (manual)	9000	20	
Extraction kits(automatic)	0	0	Needed for more numbers to be tested
Xpert Cartridges	3600	8	More needed to maintain de-centralization

**Table 3****Covid-19 Laboratory Procurement Update**

Item	Quantity	UOM	Comments	Awarded to:	Status as at 22/05/2020	Ex-pected Delivery Date
Covid 19 PCR kits	10,000	Each	Extremely Urgent	BGI China	Payment is expected to be made on 29/05/2020	9-Jun-20
Extraction Kits	20,000	Each	Extremely Urgent	Biomerieux	Next delivery of 3,000 expected on Tuesday 02/06/2020	2-Jun-20
Aerosol Barrier pipette tips 10ul - 100ul	30,000	Each	Extremely Urgent	Natlab	Undergoing clearance	
Aerosol Barrier pipette tips 0.5ul - 100ul	30,000	Each	Extremely Urgent	Natlab	Delivered	
Aerosol Barrier pipette tips 100ul t 1000ul	30,000	Each	Extremely Urgent	Natlab	Delivered	
Superscript	24,000	Each	Extremely Urgent	Select Healthcare	Awaiting delivery.	1-Jun-20
Microcentrifuge tubes	18,000	Each	Extremely Urgent	Select Healthcare	Awaiting delivery.	1-Jun-20
PCR reaction plates(Optical plates)	18,000	Each	Extremely Urgent	Muna International	Part delivered. 5,700 delivered on 28/05/2020. Balance expected next week	2-Jun-20

96 Well optical seals	18,000	Each	Extremely Urgent	Medsure	Awaiting delivery. 4,500 awaiting air-lifting by DHL 2-Jun-20
Microcentrifuges	6	Each	Extremely Urgent	Medsure	Awaiting delivery. 4 units awaiting air-lifting by DHL 2-Jun-20
Cryotubes	20,000	Each	Extremely Urgent	Axis	Part delivered. 4,500 units delivered. Balance expected on Tuesday 02/06/2020 2-Jun-20
Biohazard Bags	2,000	Each	Extremely Urgent	Medsure	Awaiting delivery. In transit by road from South Africa 2-Jun-20
Ziplock bags	10,000	Each	Extremely Urgent	Medsure	Awaiting delivery. In transit by road from South Africa 2-Jun-20
VTM transport media	30,000	Each	Extremely Urgent	Natlab	Awaiting delivery. 5-Jun-20
Extraction system 24 plate	6	Each	Extremely Urgent	Medsure	Awaiting delivery. 28-Jun-20
Gowns	7,000	Each	Extremely Urgent	Natlab	Delivered via PPE arrangement Closed

Aerosol Barrier pipette tips 10ul - 100ul	30,048	Each	Extremely Urgent	Seremed	Delivered Closed
Aerosol Barrier pipette tips 100ul t 1000ul	7,968	Each	Extremely Urgent	Seremed	Delivered Closed