



## Mirae Asset Foundation donates Covid-19 testing equipments

State-of-the-art machines donated to Haffkine Institute, Mumbai and RGMC & CSM Hospital, Kalwa to increase testing by 50%



Mirae Asset Foundation (MAF) has increased the Covid-19 testing capabilities of 2 premier institutions, at Mumbai and Thane. MAF has donated 1 RNA extraction and 1 rt PCR machine and a laboratory freezer to the Haffkine Institute, Mumbai and 1 RNA extraction machine to the Rajiv Gandhi Medical College (RGMC) & Chhatrapati Shivaji Maharaj Hospital (CSM Hospital), Kalwa, to support the two institutions in their fight against the Covid-19 pandemic. The total cost of the machines is approximately Rs. 60 lakh. Also made available are 2400 viral extraction test kits to ensure seamless processing of testing capabilities.

The 120-year-old Haffkine Institute of Research & Training <http://haffkineinstitute.org/> and CSM Hospital <https://csmh.thanecity.gov.in/> & Rajiv Gandhi Medical College Kalwa <https://rgmc.thanecity.gov.in/> serve the healthcare needs of the people in Palghar, Mira-Bhayandar, Vasai-Virar, Roha and NMMC region, Thane, Diva, Mumbra, Kharghar & Thane Urban surrounding areas. These areas are among those that reported high incidences of Covid19 cases.

The fully-automated machines minimise chances of secondary infections for lab personnel while increasing the number of test results on a daily basis. The machines have a capacity of conducting 144 tests per day in an 8-hour shift at each of the institutions, with results that are now available much faster.

Presently at Haffkine's, this infrastructure addition increases throughput by 50%. From 200 tests per day it can increase to 300 with optimum usage of resources. Currently at Kalwa, 192 tests are manually processed, and with this technology addition, it would increase to 336 tests a day.

Mirae Asset Foundation is a Mumbai-based not for profit charitable organization registered as a Section 8 company in 2018, and part of the Mirae Asset Financial Group's CSR activities. It primarily works across several areas of educational development in India. In line with the objectives of its parent, Mirae Asset Park Hyeon Joo Foundation in Korea, its charitable work in India ranges from providing scholarships for students at all levels of education to working on educational initiatives with institutional partners such as schools, colleges, government agencies, civil society organisations and other entities.

