

**List of National Regulatory Authorities (NRAs)  
operating at maturity level 3 (ML3)<sup>1</sup> and maturity level 4 (ML4)<sup>2</sup>  
(as benchmarked against WHO Global Benchmarking Tool (GBT)  
(in alphabetical order) - As of April 2022**

Country	Regulatory authority	Maturity Level (ML)	Scope of products	Year of announcement
Egypt	Egyptian Drug Authority (EDA)	ML3	1. Vaccines (producing)	2022
Ghana	Food and Drugs Authority (FDA)	ML3	1. Medicines 2. Vaccines (non producing)	2020
India	Central Drugs Standard Control Organisation (CDSCO)	ML3	1. Vaccines (producing)	2017
Indonesia	National Agency of Drug and Food Control (BADAN POM)	ML3	1. Vaccines (producing)	2019
Nigeria	National Agency for Food and Drug Administration and Control (NAFDAC)	ML3	1. Medicines 2. Vaccines (non producing)	2022
Serbia	Medicines and Medical Devices Agency (ALIMS)	ML3	1. Vaccines (producing)	2019
Singapore	Health Sciences Authority (HSA)	ML4	1. Medicines 2. Vaccines (non producing)	2022
Thailand	Food and Drug Administration (FDA)	ML3	1. Vaccines (producing)	2021

United Republic of Tanzania	Tanzania Medicines and Medical Devices Authority (TMDA)	ML3	1. Medicines 2. Vaccines (non producing)	2018
Viet Nam	Vaccine regulatory system in Vietnam represented by:  a) The Drug Administration of Viet Nam (DAV),  b) Administration of Science, Technology and Training (ASTT),  c) National Institute for the Control of Vaccines and Biologicals (NICVB) and d) General Department of Preventive Medicine (GDPM)	ML3	1. Vaccines (producing)	2020

The list will be updated regularly as new information becomes available.

<sup>1</sup> Meaning “stable, well-functioning and integrated regulatory systems”.

<sup>2</sup> Meaning “regulatory systems operating at advanced level of performance and continuous improvement”