

Diagnostics Year in Review 2020

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- Diagnostics in the Public Markets The MEGA Index
- Diagnostic IPO's
- Diagnostic Mergers & Acquisitions
- Diagnostic Products Marketplace Genetic Tests
- TestingCommons.com Overview of COVID Testing

The MEGA Diagnostics Index (2016-2020)



Diagnostic IPOs: Price Performance from IPO through 2020



Diagnostic Industry Transforming Acquisitions (>\$1 Billion)



Year Announced

Source: Evercore / BlueStone Venture Partners

\$ Billions

* ArcherDx up to \$2.7 billion with earnouts. See Appendix for details.

Smaller Diagnostic Acquisitions (<\$1 Billion)



Source: Evercore / BlueStone Venture Partners

See Appendix for details.





Source: Concert Genetics Test Database

TestingCommons.com



^	Workplace Commons	Testing Commons	Evidence Commons	T3 Blog	Meet Our Team	Webinars	Media	Get Involved	
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Diagnostics: The Beginning, Middle and End of the Pandemic





A one-stop reliable source for comprehensive information about COVID-19 tests worldwide. Search all tests in the market and in the pipeline by multiple parameters including test type, technology, regulatory status, country of origin and more.

COVID-19 Testing Commons, part of COVID Diagnostics Commons initiative at Arizona State University's College of Health Solutions.

Testing Commons is made possible with support from The Rockefeller Foundation

TestingCommons.com Year in Review 2020: 2,232 tests



1. Incomplete list after 10/7/20 when HHS/FDA announced policy to not require authorization for any LDT

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US FDA Emergency Use Authorizations

Workplace Commons Webinars Media **Testing Commons Evidence Commons** T3 Blog **Meet Our Team** Get Involved \mathbf{A} 250 All early EUA's were ٠ central Lab RTqPCR Molecular and ELISA Antibody 200 tests for clinical care. Number of Tests Number of tests is less 150 ٠ important than capacity per test – many EUA's 100 have small manufacturing volumes Antibody and little distribution. 50 FDA backlog of • Antigen Other potential new tests has 0 delayed faster/ simpler Molecular tests needed for Antigen Antibody Other 88% RTqPCR pandemic control. 100% Lateral Flow 65% ELISA Patient Mgmt 8% Isothermal **Collection Kits** 35% Lateral Flow 2% Sequencing 1% CRISPR

Arizona State

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Profile of US FDA EUA's





1. Only a single Swab type per test counted here, in least to most invasive priority order: Saliva; ANS; lastly NPS/OPS. All PCR tests are sensitive enough to work with nearly all of these swab types: later authorizations specify ANS in addition to other swab methods. 2. No specific Healthcare Professional training is required by the EUA (at Laboratory discretion)

Profile of CE-IVD Certifications (ex US)





Research Use Only Tests (excluding US & EU)





Tests in Development





All FDA Revoked Tests



Arizona State

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Commercialized Tests by Manufacturer's HQ Country





How well does the US marshal global resources?





Companies with the largest number of EUAs







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