

## Pfizer, BioNTech to manufacture up to 100 M doses by 2020 end

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**Potentially more than 1.2 billion doses by the end of 2021**



Pfizer Inc. and BioNTech SE have announced that two of the companies' four investigational vaccine candidates from their BNT162 mRNA-based vaccine program (BNT162b1 and BNT162b2) being developed to help protect against SARS-CoV-2 (the virus that causes COVID-19), received Fast Track designation from the U.S. Food and Drug Administration (FDA).

BNT162b1 and BNT162b2 are the two most advanced vaccine candidates in the BNT162 program currently being evaluated in ongoing Phase 1/2 clinical studies in the United States and Germany.

If the ongoing studies are successful and the vaccine candidate receives regulatory approval, the companies expect to manufacture up to 100 million doses by the end of 2020 and potentially more than 1.2 billion doses by the end of 2021.

In that event, BioNTech and Pfizer would work jointly to distribute the potential COVID-19 vaccine worldwide (excluding China, where BioNTech has a collaboration with Fosun Pharma for BNT162 for both clinical development and commercialization).

The development of the vaccine is also supported by partners like Acuitas Therapeutics. The Canadian company provides lipid nanoparticles (LNP) for the formulation of various mRNA vaccines.