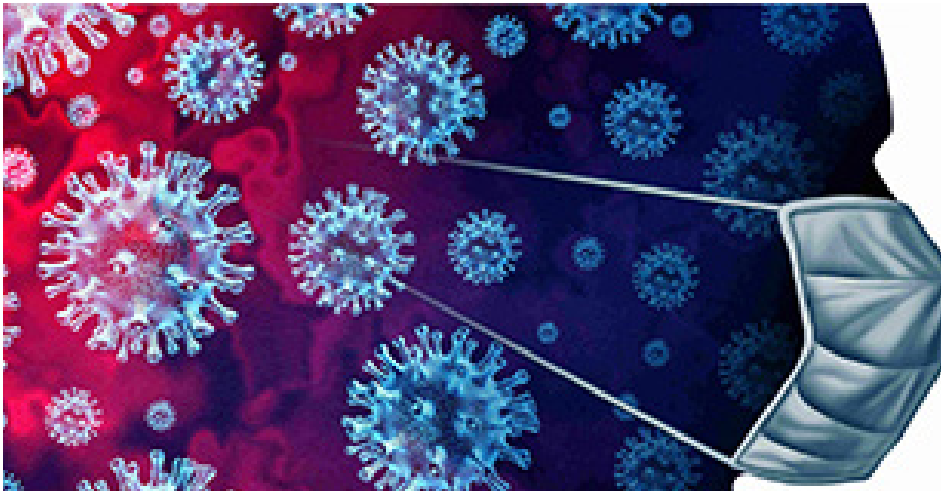


# Lonza's EPA Registered Offerings

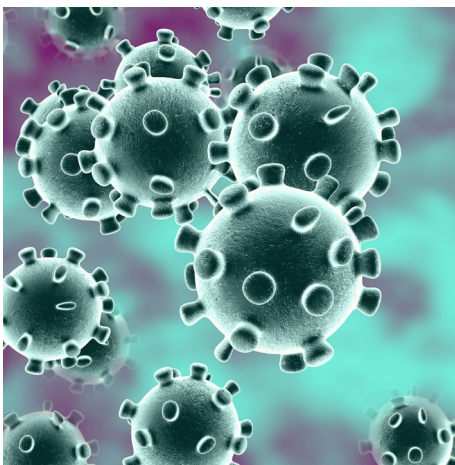
## The Fight Against Coronavirus and Influenza



### Coronavirus

#### How bad is the 2019 Coronavirus Disease (COVID-19)?

- Novel Coronavirus has become the world's most expensive epidemic, expecting to cost China about 2% of its GDP (\$62B) during Q1 2020
- Cost expected to be higher than other outbreaks like Ebola, SARS, MERS and Swine flu
- 110,000 have been infected globally and 3,800 people have died from Coronavirus (COVID-19) as of March 9th, 2020. This number continues to rise on a daily basis.



### Influenza

#### The annual direct cost to U.S. from FLU is \$10.4 billion this season!

- This season there have been at least 22 million flu illnesses, 210,000 hospitalizations, and 12,000 deaths from flu
- Hospitalization rate for the season is about 35.5 per 100,000

### EPA Emerging Pathogen Policy: Lonza Registrations

- Lonza offers many supplemental registrations accepted by the EPA under the emerging pathogen policy for use against 2019 Novel Coronavirus (SARS-CoV-2).<sup>1</sup>
- These EPA registered products are also effective against multiple Influenza strains, some registrations including H3N2 and H1N1

<sup>1</sup>Refer to Page 2 for details.

### EPA Emerging Pathogen Policy: The Rules

For any supplemental registration based upon any of the Lonza EPA registered products listed on page 2, customers may make off-label communications in the following format:

COVID-19 is caused by SARS-CoV-2. [Insert Supplemental Product name] kills similar viruses and therefore can be used against SARS-CoV-2 when used in accordance with the directions for use against [name of supporting virus(es)] on hard, non-porous surfaces. Refer to the CDC website at <https://www.cdc.gov/coronavirus/2019-ncov/index.html> for additional information

#### The above statement shall be made only through the following communications outlets:

- Technical literature distributed exclusively to health care facilities, physicians, nurses and public health officials.
- "1-800" consumer information services.
- Social media sites and company websites (non-label related).

These statements shall not appear on marketed (final print) product labels.

For more information about Lonza's EPA registered formulations effective against both Coronavirus and Influenza, contact Lonza at 1-800-365-TECH (8324) or [contact.allendale@lonza.com](mailto:contact.allendale@lonza.com)



## EPA Registration Number and Claim

Trade Name	EPA Reg. No	Supporting Viral Claim
<b>NUGEN® MB5A Family</b>		
NUGEN® MB5A-256	6836-361	Norovirus or Rotavirus
NUGEN® MB5A -128	6836-362	Norovirus or Rotavirus
NUGEN® MB5A -64	6836-363	Norovirus or Rotavirus
<b>NUGEN® MB5N Family</b>		
NUGEN® MB5N-256	6836-364	Norovirus
NUGEN® MB5N-128	6836-365	Norovirus
NUGEN® MB5N-64	6836-366	Norovirus
<b>Lonzagard® RCS™ Family</b>		
Lonzagard® RCS-256 Plus	6836-349	Enterovirus D68 or Norovirus
Lonzagard® RCS-256	6836-346	Enterovirus D68 or Norovirus
Lonzagard® RCS-128 Plus	6836-348	Enterovirus D68 or Norovirus
Lonzagard® RCS-128	6836-347	Enterovirus D68 or Norovirus
<b>Lonzagard® R-82 Family</b>		
Lonzagard® R-82	6836-078	Norovirus
Lonzagard® S-18	6836-077	Norovirus
Lonzagard® S-21	6836-075	Norovirus
Lonzagard® DC-103	6836-152	Norovirus
Lonzagard® R-82F	6836-139	Norovirus
Lonzagard® S-18F	6836-136	Norovirus
Lonzagard® S-21F	6836-140	Norovirus
<b>Lonzagard® HWS Family</b>		
Lonzagard® HWS-256	47371-129	Adenovirus type 7
Lonzagard® HWS-128	47371-130	Adenovirus type 7
Lonzagard® HWS-64	47371-131	Adenovirus type 7
Lonzagard® HWS-32	47371-191	Adenovirus type 7
<b>Lonzagard® Bardac® 205M Family</b>		
Bardac® 205M 1.3%	6836-277	Norovirus
Bardac® 205M 2.6%	6836-302	Norovirus
Bardac® 205M 5.2%	6836-303	Norovirus
Bardac® 205M 7.5%	6836-070	Norovirus
Bardac® 205M 10%	6836-266	Norovirus
Bardac® 205M 14.08%	6836-278	Norovirus
Bardac® 205M 23%	6836-305	Norovirus
Bardac® 205M RTU	6836-289	Norovirus
<b>Disinfecting Wipes Family</b>		
Lonzagard® Disinfectant Wipes	6836-313	Rotavirus
Lonzagard® Disinfectant Wipes Plus 2™	6836-340	Norovirus
<b>NUGEN® EHP Family</b>		
NUGEN® EHP RTU	6836-385	Norovirus
NUGEN® EHP Wipe	6836-388	Norovirus



### Sources:

<https://www.cdc.gov/flu/weekly/index.htm#ILIActivityMap>  
<https://www.cnbc.com/2017/10/30/the-flu-costs-the-us-economy-10-point-4-billion.html>  
<https://www.healthxec.com/topics/healthcare-economics/coronavirus-deadly-and-expensive>  
<https://www.mdmag.com/medical-news/flu-cases-exceed-22-million-in-us>  
<https://www.nytimes.com/2020/03/02/world/coronavirus-updates-news-covid-19.html>



Keeping Our World Healthy®

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