

## MSDS for COVID-19 Buffer

### *I.1. Identification of the product*

Product Name: COVID-19 Buffer

Brand: Lumiratek

### *I.2. Use of the preparation*

The COVID-19 Buffer is a kind of lubricating fluid only used with COVID-19 Rapid Test for the qualitative detection of IgG and/or IgM to SARS-COV-2 in whole blood, serum or plasma as an aid in the diagnosis of SARS-COV-2 infection.

### *I.3. Company Identification*

Company: Hangzhou Biotest Biotech Co., Ltd.

Address: #17 Futai Road, Zhongtai Street, Yuhang District, Hangzhou-311121.

P.R.China.

Tel: +86-571-89058016

Fax: +86-571-88633388

E-mail: info@biotests.com.cn

### *I.4. Emergency telephone No.*

Emergency telephone: +86-571-89058016

## *II Information of Ingredients*

<b>Name of Ingredients</b>	<b>Cas No. of Ingredients</b>	<b>Concentration of Ingredients</b>
Sodium Chloride	7647-14-5	≈9.0 g/L
Sodium Phosphate Dibasic	7782-85-6	≈7.0g/L
Sodium Azide	26628-22-8	0.2 mg/ml
Casein Sodium	9005-46-3	≈5.0 g/L
Kanamycin Sulfate	25389-94-0	0.25 g/L

## *III Hazards Identification*

Sodium Phosphate Dibasic is one of the irritant substances.

Sodium Azide is one of acute toxicity.

## *IV First aid measures*

First-aid personnel: The personnel must wear protective clothing and gloves etc.

After inhalation: N/A

After skin contact: 1. Flush with water for at least 10 minutes while removing contaminated clothing.  
2. Get medical aid immediately. Wash clothing before reuse.

After eye contact: Open the lid and rinse with water for 10 minutes. If the pain continues, inform the eye specialist for medical treatment as soon as possible.

After swallowing: 1. Drink lots of water.  
2. Induce vomiting.

## 3. See the doctor

*V. Fire-fighting measures*

N/A

*VI Accidental release measure*

N/A

*VII. 1. Handling*

Good Laboratory Practices(disposal gloves)

*VII. 2. Storage*

Store in a dry place at +2°C to +30°C

Avoid storage near to heat sources

Accessible only for authorized persons

*VIII. Exposure controls/personal protection*

Use disposal gloves.

*IX. Physical and chemical properties*

Colour: colourless liquid

Odour: N/A

pH value: 7.4±0.1

Melting point: N/A

Ignition temperature: N/A

Flash point: N/A

Explosion limits: N/A

Density: N/A

*X. Stability and reactivity*

1. Stable

2. Conditions to be avoided: Strong heating, direct contact with flames.

*XI. Toxicological information*

N/A

*XII. Ecological information*

The COVID-19 Buffer should be discarded in a proper biohazard container after testing.

*XIII. Disposal considerations*

After testing, the COVID-19 Buffer must be disposed of compliance with the respective national regulations.

*XIV. Transport information*

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UN number: 1687 (Sodium Azide)

*XV. Regulatory information*

In accordance with the appropriate EC directives.

This product is for in vitro diagnostic use therefore must comply with the European Directive 98/79/EC bearing the CE label prior to the placing on the market.

*XVI. Other information*

For professional in vitro Diagnostic use only. Consult instructions for use.

**References:**

1. REGULATION (EC) No 1907/2006
2. REGULATION (EC) No 1272/2008
3. IVDD 98/79/EC
4. World Health Organization (WHO). WHO Statement Regarding Cluster of Pneumonia Cases in Wuhan, China. Beijing: WHO; 9 Jan 2020.
5. Weiss SR, Leibowitz JL. Coronavirus pathogenesis. Adv Virus Res 2011;81:85-164.
6. Cui J, Li F, Shi ZL. Origin and evolution of pathogenic coronaviruses. Nat Rev Microbiol 2019; 17:181-192.
7. Su S, Wong G, Shi W, et al. Epidemiology, genetic recombination, and pathogenesis of coronaviruses. Trends Microbiol 2016;24:490-502.