

Experiment result - 12 hours after exposure
100% Elimination of Corona Virus

CLEAN & SAFE



Bio Shield Puristic



Puristic is a portable kit for pure Chlorine dioxide generation.
Puristic is effective in removal of floating pathogens and virus.
Puristic provides sanitized and safe space for its user.

Air Disinfection

Puristic

No Carcinogen
CMIT-OMIT-MIT Free



■ **Safe Material**

- recognized material by WHO, USFDA, NASA
- GRAS Material as Salt, Sugar
- Material Used for disinfection of edible water, food

■ **Strong Effect**

- Strong biocidal effects(virus, bacteria, fungi, protozoa) compared to existing disinfectants (Chlorine, Ozone, Brome, Chloramine)
- 2.5 times stronger than chlorine, 500K times than alcohol

■ **Non chlorine**

- No relation with THMs, HAAs (caused by chlorine species)
- **Photo-degradable**– Degraded by light : No residue

■ **Safe Reaction**

- After activated, Chlorine dioxide gas is slowly released out over the 30 days periods through whole product body surface.
- The only residue inside is sodium citrate.



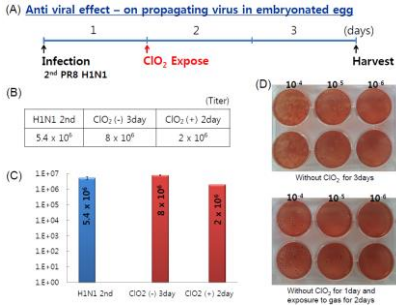
CLEAN & SAFE
Purgofarm

Experiment Result with Puristic

Proof of Anti-viral Effect

100 % elimination of *Corona Virus*

H1N1 virus



<Medical School of Ajou University – Korean Society of Virology >

(A) Virucidal effect of murine coronavirus A59

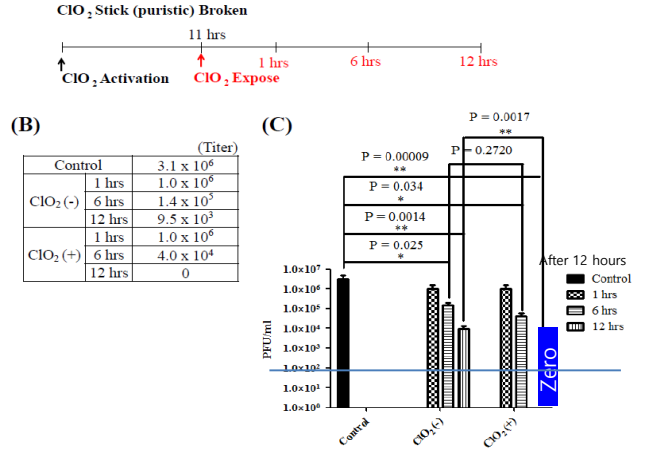


Fig 2. Virucidal effect of chlorine dioxide on murine coronavirus A59. Murine coronavirus A59 were exposed to the chlorine dioxide gas for 1, 6, or 12 hrs, respectively, and then we determined the titer of viruses by plaque assay on DBT cells. Control virus titer was 3.1 × 10⁶ PFU/ml. Virus titers were decreased about 3.5 times after exposure for 6 hrs. There were no viable virus after 12 hrs exposure. 4 independent experiments were performed and results are shown as mean ± SD (*p<0.05, **p<0.01).

Antiviral Effect of Chlorine Dioxide Gas on Propagating Influenza A Viruses in Embryonated Eggs.



Anti-Viral effect -
Inhibiting Virus proliferation
@ early stage of infection

- Pathogen Disinfection Test: 99.9%
- Korea Conformity Lab (KCL) with Puristic



Klebsiella Pneumonia @ 8000 Liter Chamber
MRSA(Super Bacteria) Test @ 840Liter Chamber



Proof of 40cm radius Effective for Bio shield

Clean and Safe

Laboratory of the Maurizio Group



Application Space

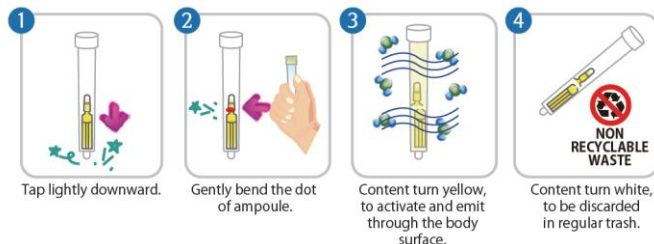
Living Space
Living room, Kitchen, Toilet, bed room

Public Space
Kinder Garden, Bus, Taxi, Nursing Home

Hospital Area
Clinic Room, Waiting room, Patient room

Portable Bearing
Doctor, Nurse, out-patients

Instruction



Safety Notice

- Do not break or dismantle the plastic body.
- Avoid possible breakage by children's manipulation or pet's bite
- In case of strong or pungent smell, ventilate the air.
- In case of inner liquid being contacted to skin or cloths, wash with water. (Cloths may be de-colored)
- Avoid direct contact to cloths or Precious metal for long time (to avoid possible color change)
- Avoid use under direct sunray (possible shortening of usage duration)
- Go see a Doctor just in case of abnormal feeling