

# Effect of BioZone technology on pathogenic viruses

BioZone has proven highly effective in tests against highly pathogenic viruses: the Human Parainfluenza Virus and the avian flu H5N2 to deactivate (kill) viruses.

BioZone achieves this effectivity by attacking the viruses with several different mechanisms. These mechanisms are known to deactivate viral DNA and RNA, **effectively killing the viruses**. Some of these mechanisms (i.e. UV light) are commonly used to sterilize workspaces and tools used in biology laboratories and medical facilities. BioZone brings this same power to destroy the viruses in the air you breathe.

The tests were performed by The Centre National de la Recherche Scientifique (CNRS, The National Scientific Research Centre under the authority of France's Ministry of Research) in a bio safety level 3 laboratory in Lyon, France - one of the collaborative centers for the World Health Organization (WHO) for Avian and human influenza viruses.

- **Avian Flu tests**
  - H5N2 virus subjected to BioZone technology
  - Reduction of over 99.9997% in 0.44 seconds
- **Human Parainfluenza Virus**
  - Type 3 virus (hPIV-3)
  - Reduction of over 99.999% in 0.44 seconds

