

***The Result of Virucidal Activity of ANK-Anolyte on Nucleic Acid of
HBV at Biological Sample with PCR***

At Pasteur Institute Of Iran, Date 2011-03-15

Disinfectant:

ANK-Anolyte with 500ppm Produced by ELA-900, Serial No. 100208

Survey of Virucidal Activity of Disinfectant:

Contaminated serum of high titer of HBV and 5, 50,500ppm of neutral Anolyte for 5minutes at standard condition were incubated. With PCR the DNA of HBV of this serum sample were survived.

Disinfectant concentration	HBV DNA Positive serum	Disinfectant Vol.	Incubation time	Virucidal efficacy
500ppm	200 μ l	200 μ l	5 min	100%
50ppm	200 μ l	200 μ l	5 min	100%
5ppm	200 μ l	200 μ l	5 min	85%

Result:

At Seen On the Above Table, Anolyte with minimum 50ppm FAC can completely degrade nucleic acid of HBV .