

Mycoplasma DNA Sample Preprocessing Kit (Magnetic Bead Method)

Overview

Cat.No. HG-CL200

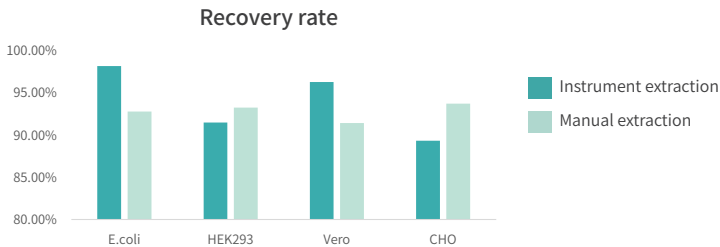
The kit is used for pre-processing of biological product samples to accurately extract residual DNAs of host cells in various biological products. The kit is applicable to various matrix buffers to effectively extract and purify trace amounts of DNAs. It can be used together with mycoplasma DNA detection kit manufactured by Hillgene.

Specification

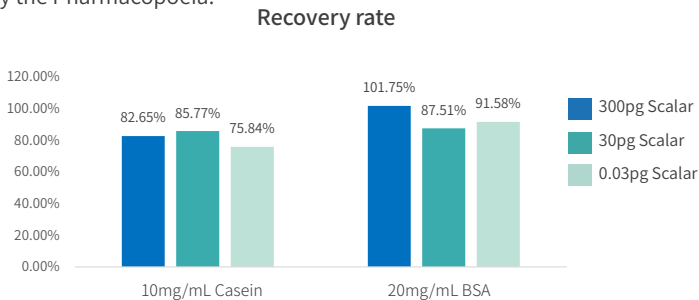
Detection sensitivity: 0.03pg/ μ L

Recovery rate: 70%~130%

Data



Manual extraction and instrument extraction were performed on DNA samples of different host types, and the final sample recovery rates were 70% to 130%, which were better than the 50% to 150% required by the Pharmacopoeia.



The two sample matrices (PBS+10mg/mL BSA and PBS+10mg/mL casein) were added with a total of 0.03pg, 3pg, and 300pg of CHO gDNA reference substance for pretreatment, and the final recovery of the standard addition was 70 %~130%.