CiS-DNA Food DNA Kit Datasheet

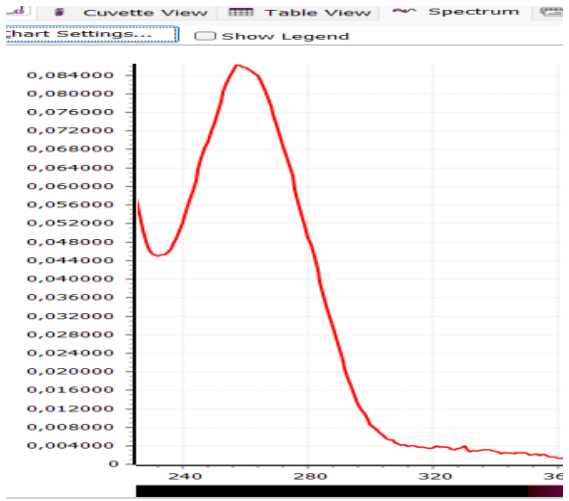
Cat DF0116-10, DF0116-50, DF0116-100

CiS-DNA Food DNA kit has been designed for GMO food analysis laboratory staff to prepare high-yield, pure, and intact DNA from a large scale of foods and processed foods including chocolate, cocoa and starch powders, cereals and biscuit, ketchup, meat, and animal feed.

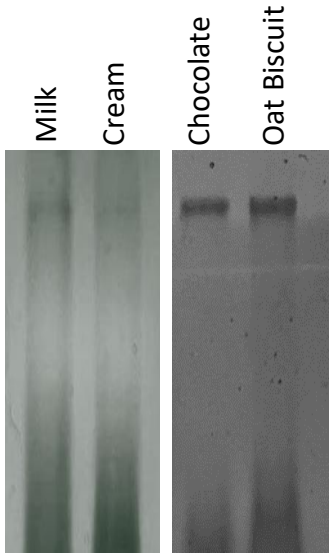
CiS-DNA Food DNA kit can extract DNA from fresh or frozen foods, complex matrices, processed foods, animal feed, cereal- and legume-including biscuits and other snacks, cream, milk and soy sauce etc.

DNA purified using CiS-DNA Food DNA kit procedure is free of protein, lipid, and other PCR inhibitor contamination as proteinase digestion and an inhibitor removing food lysis and fractionation step were applied before the NBB binding step.

Average DNA yields are 9-25 µg DNA in 80-100 µl final eluate obtained from 200 µg or 200 µl of sample.



A_{260}/A_{230}: 1.79-1.9
A_{260}/A_{280}: 1.8-1.85
(Dilution: 1:50)



DNA from different foods. Samples were run on agarose gel (0.75%, 0.5 X TBE buffer)

Caution: Please pay attention to wearing a lab coat, gloves, and protective goggles.

CiS-DNA spin-columns and buffers can be stored at room temperature for at least one year. However, lyophilized proteinase K and RNase A should be stored at 4 °C. After reconstitution, please keep the enzyme solution only at 4 °C and avoid to keep longer at room temperature.