

GREES DNA KIT GRAINS

General Rapid Easy Extraction System DNA Kit

Universal Kit for genomic DNA extraction from grains and flours

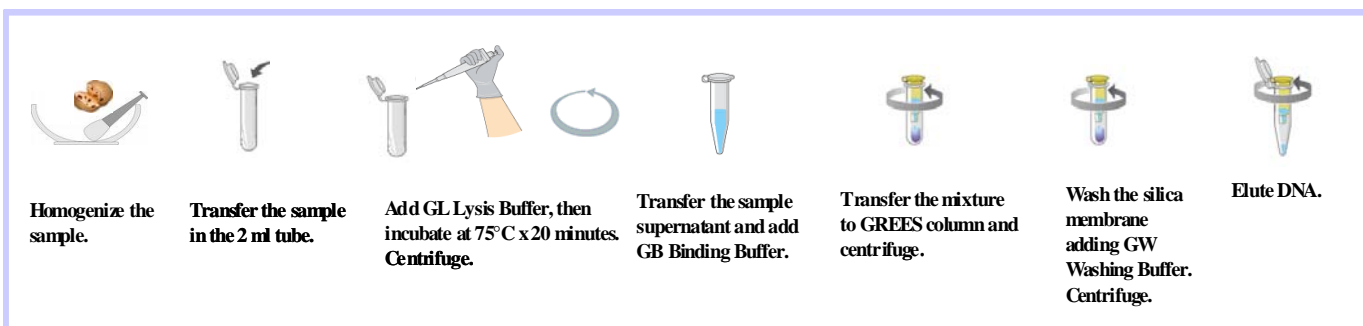
Product code: IC-02-0085 (50 extractions)

Introduction

GREES (General Rapid Easy Extraction System) DNA Kit GRAINS has been studied in order to improve and maximise the process of the extraction of genomic DNA from grains, flours, semolina and pasta.

GREES DNA kit GRAINS is suggested for preparation of DNA to be used for the qualitative and quantitative detection of *Triticum aestivum* in *Triticum turgidum* by the use of **WHEATaKIT** (InCura srl – product code: IC-02-1044 / IC-02-1046).

An illustrative scheme:



Technical Features

Number of test	50 extractions.
Kit components	GL Lysis Buffer, GB Binding Buffer, GW Washing Buffer, GE Elution Buffer, 2ml Tubes for lysis, GREES columns.
Functionality	the extraction system, able to isolate genomic DNA from different kind of matrices (see Box below) suitable for quantitative PCR Real Time applications.
Time of execution	approximately 60 minutes for 10 homogenized samples.

Samples verified for GREES DNA Kit GRAINS functionality

Grains

Barley – Buckwheat – Flax – Millet – Oat – Rapeseed - Rye – Sesame – Soy - Spelt – Sunflower

Flours

Common wheat flour –Corn flour – Durum wheat flour – Soy flour

Finished products

Mixed cereals – Oat middling – Breadsticks – Dry pellet feed – Sesame bread – Breadcrumbs – Soy oilseed cake - Pasta

