

Data Sheet



EUCODIS Lipase immobilized Kit

Cat. No.	Amount
ELIM Kit	5 g each

For research use only.
Store at 4-8°C

Application

EUCODIS immobilized lipases can be utilized for various reaction types and are optimal for all reactions in organic solvents or solvent-free systems.

Possible reactions include e.g., esterification and transesterification reactions, which can be regio- and stereo-selective depending on the substrate and enzyme, amidations, kinetic resolutions of racemic alcohols, amines, acids or esters by stereo-selective transesterification or hydrolysis, or (selective) esterification of fatty acids and glycerol.

Form

- 7 vials
- Powder, white to yellowish,
- dried, remaining water approx. 5-10%

Specifications

Name	EUCODIS Lipase immobilized Kit
E.C.	3.1.1.3.
Origin	bacterial and fungal
Source	recombinant

Function

Lipases belong to the family of esterases and naturally act on triglycerides at lipid-water interfaces. Lipases/esterases can be used as versatile tools in hydrolytic reactions, esterifications and transesterification reactions in pharma, cosmetics and food applications.

Usage

EUCODIS lipases have been immobilized on different resins, and can be supplied in dried or wet form, depending on your application requirements. The adsorbed variant is preferably used in organic solvents to prevent leaching of the enzyme.

The lipase samples should be protected from high temperatures and excessive moisture.

Kit Content

The kit contains the following immobilized lipases:

Enzyme	Preparation
ELCB01 IA	immobilized by adsorption on hydrophobic carrier
ELCB02 IA	
ELCB10WT IA	
ELCR03 IA	
EL070 IA	
ELCB01 IC	covalent immobilization on hydrophobic carrier
ELCB02 IC	

Further EUCODIS immobilized lipases are available on request only.