



α-Amylase

Environmental/Occupational

Order Code BAG-K87

Chemistry Purified multi-enzyme produced by the microorganism *Aspergillus oryzae*. Represent more than 30 different enzymatic functions

Use In preparing the Japanese national drink “sake”; In converting maizes into sugar in manufacturing whiskey, etc.

Instruction for use Use a fresh allergen vial each time a new stimulation is performed
Dissolve the allergen prior to use as follows:
Add 250 µl of Stimulation Buffer to vial, vortex briefly
Use allergen solution according to the protocol

Recommendation Additional to the normal concentration of the allergen given, we recommend to stimulate the cells with 1:5 diluted allergen solution
(Mix 40 µl of allergen solution with 160 µl of stimulation buffer)

n Stimulation Up to 4 stimulations could be run with 1 vial

Storage Store unopened allergens at 2-8°C until exp. date

	CAST®-2000	Flow-CAST®	Flow2 CAST®
Content per vial			
25 ng			
Conc. in vial			
100 ng/ml			
Conc. in stimulation	20 ng/ml	50 ng/ml	22.7 ng/ml
Cut-off	≥ 200 pg/ml	≥5% CD63 SI* (≥2)	≥5% CD63 SI* (≥2)

CAST®-Allergens are intended for in vitro leucocyte stimulation in the CAST®-Assays
*SI (Stimulation Index) is defined as the gross stimulation divided by the negative control value

