



Antibiotics

Diagnostic aid

Order Code BAG2-C12

Generic Names MDM
Mixture of Sodium-Benzylpenicillin and di-Sodium-Benzylpenicilloat
The Minor Determinant Mixture (MDM) contains allergens for patients, which are not only sensitized for the major determinant (see Benzylpenicilloyl-Polylysine, PPL) of Penicillin allergy.

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 250 µg ¹⁾			
Conc. in vial 1 mg/ml			
Conc. in stimulation	200 µg/ml	500 µg/ml	225 µg/ml
Cut-off	≥ 40 pg/ml	≥5% CD 63 SI*(≥2)	≥5% CD 63 SI*(≥2)

CAST®-Allergens are intended for in vitro leucocyte stimulation in the CAST®-Assays

¹⁾Optimized concentration confirmed in a multicentric study for use in CAST®-ELISA and Flow-CAST®

*SI (Stimulation Index) is defined as the gross stimulation divided by the negative control value