

PMA+Ionomycin

Cat#:2030421

[Product Description]

PMA and Ionomycin are two common irritants in vitro tests. The PMA as activators for PKC (protein kinase C), PKC can activate a number of downstream protein kinase, resulting in the expression of many proteins, thereby causing T cell activation. In cells, PKC can be activated under the effect of DAG (diacylglycerol) and Ca^{2+} together, so PKC in the T cells can be further activation under the participation of Ionomycin (Ca^{2+} transport agents). This product is a mixture of both lyophilized dosage reasonable, easy to use and preservation.

[Preparation Instructions]

PMA+Ionomycin is supplied as a white pancake-like powder including 250 ng of PMA and 5 μg of Ionomycin. Reconstitute with 500 μL of sterile PBS before used. Stand for 5 minutes and mix gently to ensure complete solubilization. Add 10 μL of the PMA+Ionomycin resuspension product to the wells which contains 100 μL cell culture fluid at the working concentration, which could make 10^5 PBMC produce obvious positive blots.

[Stability, Storage and Specifications]

1. Lyophilized powder is stable for 24 months from date of receipt when stored at $-25^{\circ}\text{C} \sim -15^{\circ}\text{C}$. Solution may be stored frozen in aliquots at -20°C to -70°C . PMA+Ionomycin is one-time-use. Reuse and repeated freezing are not recommended.
2. This product is for ELISPOT quality control material or ELISPOT positive control use only, not for drug, household, or other use.
3. Keep sterile once opened.
4. Safety: No toxic or hazardous material.

[Company Information]

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