

# Disopyramide (004): sc-66035

## BACKGROUND

Disopyramide is a Class IA antiarrhythmic medication used to treat two forms of arrhythmia, ventricular and supraventricular arrhythmias, especially following heart attacks. It has no effect on  $\alpha$  or  $\beta$  adrenergic receptors. Disopyramide works to stabilize irregular heart beats by interfering directly with the depolarization of the cardiac membrane, thereby acting as a membrane-stabilizing agent. It functions by shortening the sinus node recovery time, lengthening the effective refractory period of the atrium and having a minimal effect on the effective refractory period of the AV node. Disopyramide has a depressant action on the heart similar to that of guanidine, and it also possesses some anticholinergic and local anesthetic properties. Common side effects of this drug include dizziness, feeling of faintness, fainting, dry mouth, heartbeat sensations, shortness of breath and unusual tiredness.

## REFERENCES

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## SOURCE

Disopyramide (004) is a mouse monoclonal antibody raised against Disopyramide.

## PRODUCT

Each vial contains 100  $\mu$ g IgG<sub>2b</sub> in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

## APPLICATIONS

Disopyramide (004) is recommended for detection of Disopyramide by solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

## STORAGE

Store at 4° C, **\*\*DO NOT FREEZE\*\***. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

## RESEARCH USE

For research use only, not for use in diagnostic procedures.

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.