For in vitro research use only

**Product description**

The NaCl/CaCl$_2$ diluent is a mix of calcium chloride (3 mM) and physiological saline (0.9%).

**Intended use**

For use as a sample diluent in platelet aggregation studies with the Multiplate® platelet function analyzer under reduced calcium concentrations associated with the use of citrated blood samples.

**Principle**

Citrate depletes the calcium in a blood sample. Reduced calcium levels may lead to falsely reduced aggregation levels in platelet function testing. Therefore it is recommended to partially re-calcify citrated samples with this diluent solution for testing in the Multiplate®. The 3 mM CaCl$_2$ diluent solution enhances the calcium levels of the sample while maintaining the anticoagulant effect of the citrate.

**Materials provided**

MP0530: NaCl/CaCl$_2$ diluent, 10 x 5.0 ml tubes

**Instrumentation**

The NaCl/CaCl$_2$ diluent will perform as described when used with the Multiplate® aggregometer. Follow the manufacturer’s instructions.

---

**Test procedure**

Refer to the test procedures as described in the box insert of the Multiplate® test reagent or Multiplate® user’s manual. The final concentration of CaCl$_2$ in the Multiplate® sample is 1.5 mM.

**Literature**


**Manufacturer**

Verum Diagnostica GmbH
Munich - Germany
Phone: +49-89-125556-0
www.multiplate.us
service@verumdiagnostica.com

**Distributor**

DiaPharma Group, Inc.
8948 Beckett Road, West Chester OH 45069, USA
Customer Service 800-526-5224
Technical Service 800-447-3846
www.dia pharma.com
info@diah pharma.com

---

For in vitro research use only

**Product description**

The NaCl/CaCl$_2$ diluent is a mix of calcium chloride (3 mM) and physiological saline (0.9%).

**Intended use**

For use as a sample diluent in platelet aggregation studies with the Multiplate® platelet function analyzer under reduced calcium concentrations associated with the use of citrated blood samples.

**Principle**

Citrate depletes the calcium in a blood sample. Reduced calcium levels may lead to falsely reduced aggregation levels in platelet function testing. Therefore it is recommended to partially re-calcify citrated samples with this diluent solution for testing in the Multiplate®. The 3 mM CaCl$_2$ diluent solution enhances the calcium levels of the sample while maintaining the anticoagulant effect of the citrate.

**Materials provided**

MP0530: NaCl/CaCl$_2$ diluent, 10 x 5.0 ml tubes

**Instrumentation**

The NaCl/CaCl$_2$ diluent will perform as described when used with the Multiplate® aggregometer. Follow the manufacturer’s instructions.