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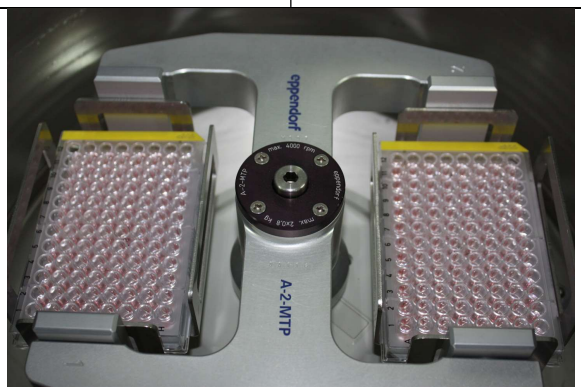
Centrifugation of TPP Tissue Culture Test Plate

Test performed with 92097

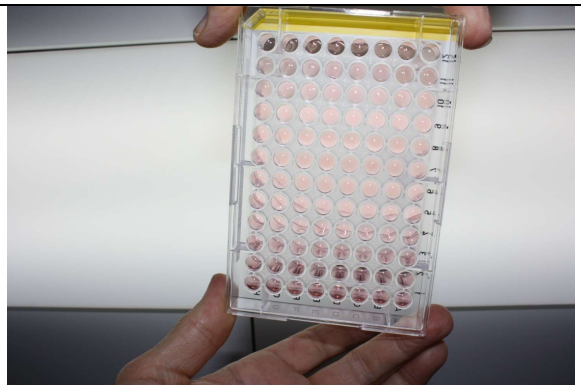
Medium: Distilled water 20 °C

Wells filled with 60 µL



Centrifuging at 2’254 x g (RCF) for 5 minutes

No fractures or cracks visible from top



When backlit, there are no fractures or cracks visible below

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TPP tests indicate that centrifuging is possible using TPP test plates. Test the variety of influencing factors under routine conditions and the parameters you have selected in advance. TPP does not guarantee the feasibility or suitability of TPP test plates for centrifugation.

- The use of appropriate rotors or centrifuge adapters is recommended. Follow the centrifuge manufacturer's safety instructions.
- If a higher RPM (revolutions per minute) is required and/or plates are to be stacked, perform a test run with a water-filled plate at the desired RPM and time.
- The mechanical strength of plates during centrifugation is influenced by
    - o Shape and material
    - o Accuracy of fit in the centrifuge adapter
    - o Temperature
    - o Centrifugation time
    - o Relative centrifugal force (RCF)
    - o Chemical and physical properties of the material being centrifuged
    - o Rotor type: fixed angle or swing-out rotor
    - o Volume and density of the media in the wells of the plate

Additional:

Instructions for use (IFU), chemical resistance lists, and quality certificates for each product are available for download from www.tpp.ch.