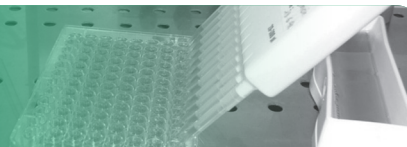




96-WELL PLATES CYTOTOXICITY



| | |
|-------------|---|
| Title | Assessment of the cytotoxic potential of a test element after application to cells seed in 96-well plates – Red Neutral colouration |
| Reference | Adapted from Mossman (Journ. Of Immunological Methods, 1983, 65, 55-63) |
| Objective | To assess quantitatively the cytotoxic potential of a soluble test element after application to cells seed in 96-well plates |
| Test system | Rabbit cornea cells - SIRC |
| Schedule | Duration of the study: 4 days Beginning: 1 week upon receipt of the sample Report: 2-3 weeks after the end of the study |
| Quantity | 2 x 20 g |
| Methodology | Determination of the cytotoxicity after contact of the test element with cells by staining of the living cells with a vital dye (Neutral Red). Calculation of the percentage of cell death and the IC50 or concentration of test element that inhibited 50 % of cell death |
| Procedure | D-1: <ul style="list-style-type: none">• Cells seeding D1: <ul style="list-style-type: none">• Contact of the test element• Incubation for 48 hours D3: <ul style="list-style-type: none">• Preparation of the colouring solution• Revelation of the cytotoxicity• Reading |