

IN CYTOTOX Cytotoxicity Test Systems

ACID PHOSPHATASE

- Lysosomal activity

GLUCOSE

- General physiological cell state
- Glucose consumption

NEUTRAL RED

- Lysosomal activity
- Membrane permeability

MTT / XTT

- Mitochondrial metabolism
- Respiratory toxicity

LDHe

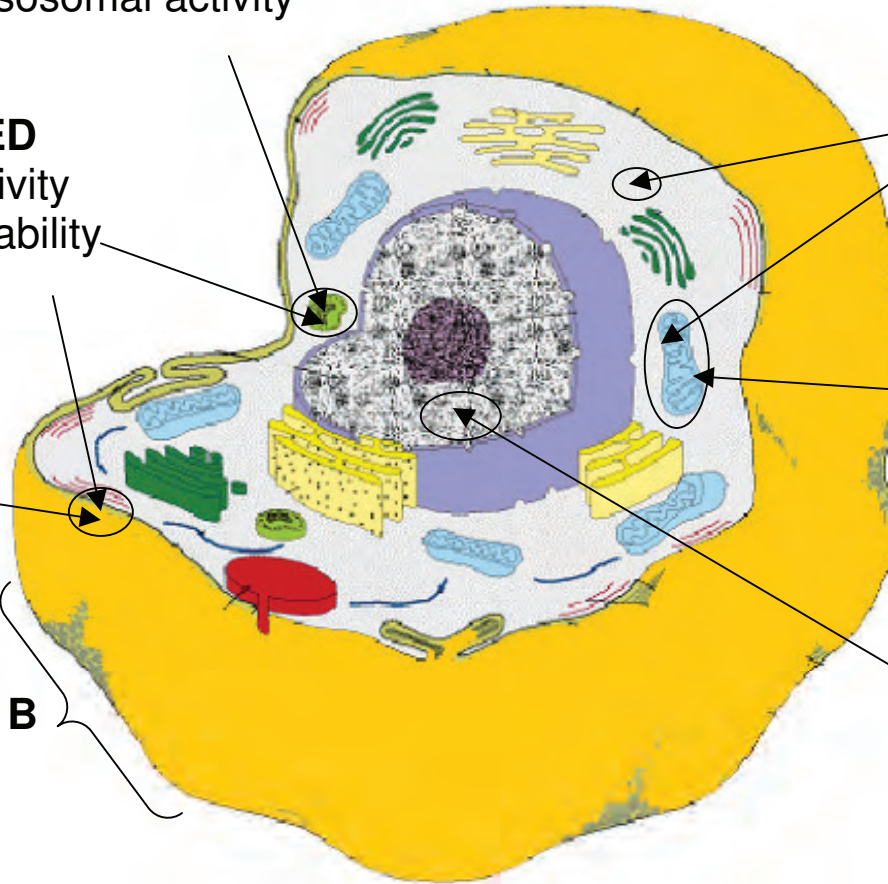
- Membrane permeability

CRYSTAL VIOLET

- Cell proliferation
- DNA

SULFORHODAMINE B

- Cell proliferation
- Total protein synthesis rate



IN CYTOTOX Cytotoxicity Test Systems

One Parameter Kits

| | |
|------|-------------------------------------|
| CVDE | Crystal Violet Dye Elution |
| GLU | Glucose |
| LDHE | Extracellular Lactate Dehydrogenase |
| XTT | |
| MTT | |
| PAC | Acid Phosphatase |
| NR | Neutral Red |
| SRB | Sulforhodamine B |

Multiple Parameter Kits

XTT- CVDE
XTT - SRB
NR - CVDE
XTT- PAC
NR - SRB
SRB – CVDE
LDH - GLU - XTT - PAC
LDH - GLU - XTT - SRB

Advantages

- Complete range of cytotoxicity markers
- High throughput screening methods
- Easy handling
- One parameter and multiple parameter determinations from one cellular sample
- Reduced amount of test chemicals with the multiple parameter kits
- CelTox software developed to simplify cytotoxicity analysis, customized reporting format
- Swiss manufacture

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