



GARD® for Sensitization Testing

Skin Sensitization

- Hazard: GARD®skin OECD 442E, 497
- Potency: GARD®skin Dose-Response OECD TGP 4.106
- Hazard: GARD®skin Medical Device ISO 10993-10

Respiratory Sensitization

- Hazard: GARD®air

Build your Skin Sensitization testing strategy in line with OECD 497

Export support for UVCBs, Natural Extracts, Complex Formulations, Hydrophobic Substances, and more.

- Key Event 1 | OECD 442C: DPRA, ADRA
- Key Event 2 | OECD 442D: EpiSensA, KeratinoSens
- Key Event 3 | OECD 442E: GARD®skin
- *In silico* predictions

5-step guide

senzagen.com/DA497

Do you have
“difficult to test”
samples?

Regulatory Toxicity Testing

- Skin Corrosion: OECD 431
- Skin Irritation: OECD 439, ISO 10993-23
- Skin Sensitization: OECD 442C/D/E, *in silico* predictions
- Skin Absorption: OECD 428
- Eye Irritation: OECD 492, 492B
- Phototoxicity: OECD 432, 498
- Genotoxicity: OECD 471, 487, *in silico* predictions

Medical Device Testing

In Vitro Biocompatibility Testing

- Cytotoxicity: ISO 10993-5
- Irritation: ISO 10993-23
- Skin Sensitization: ISO 10993-10

Substance-Based Medical Devices (MDR Compliance)

- Device qualification: Mode of Action
- Device classification: ADME

Toxicology Advisory Services

Pharmaceuticals

- Environmental Risk Assessment (ERA)
- Impurity characterization and qualification
- Exposure limits

Medical Devices

- Biological Evaluation
- MDR compliance for borderline products

Cosmetics

- New cosmetic ingredients & claim substantiation
- Product Information Files (PIF)

Chemicals

- CLP assessments of substances and mixtures
- Safety Data Sheets (SDS)
- IUCLID data entry under REACH
- Biocidal risk assessment