

# STRESS



The hypothalamic-pituitary-adrenal axis mediates the response to stressors in many organisms. A well-regulated reaction to stress is critical for adaptation and survival. Accurate stress measurement is fundamental for studying behavioral reactions and molecular mechanisms of stress response.

## Arbor Assays Advantages

- ✓ Kits are always in-stock and ready to ship
- ✓ High quality reagents, manufactured in Ann Arbor, MI USA
- ✓ Consistent, rapid results
- ✓ Easy-to-follow protocols



## DetectX® Stress Assay Kits

K072-H	Adrenocorticotrophic Hormone (ACTH) ELISA
K033-H	Catalase Colorimetric Activity
K035-H	Ceruloplasmin Colorimetric Activity
K014-C	Corticosterone Chemiluminescent ELISA
K014-H	Corticosterone Multi-Format ELISA
K003-H	Cortisol ELISA
K017-H	Cortisone ELISA
K043-H	FRAP™ (Ferric Reducing Antioxidant Power) Detection
K006-F	Glutathione (GSH) Fluorescent Detection
K006-H	Glutathione (GSH) Colorimetric Detection
K034-H	Hydrogen Peroxide (H <sub>2</sub> O <sub>2</sub> ) Colorimetric Detection
K034-F	Hydrogen Peroxide (H <sub>2</sub> O <sub>2</sub> ) Fluorescent Detection
K028-H	Superoxide Dismutase (SOD) Activity
K005-F	Thiol Fluorescent Detection

## Featured DetectX® Stress Kits

### Corticosterone ELISA Kit

- 2-hour assay time
- Colorimetric and Chemiluminescent formats available
- Cited in over 280 publications

### Cortisol ELISA Kit

- Validated in a wide variety of sample types
- 1.5-hour assay time
- Cited in over 140 publications

### FRAP™ Detection Kit

- Measures antioxidant potential in a variety of species and sample types
- 30-minute assay time
- Sensitivity <6 µM Fe<sup>2+</sup>

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