

DNA Damage EIA Kit



StressMarq
Biosciences INC.

Antibodies • Proteins • Kits • Small Molecules

DNA Damage (8-OHdG) StressXpress® EIA Kit

Catalog No.

Size

Purpose: Quantifies oxidative damage on DNA by measuring 8-OHdG levels

SKT-120-96

96-well

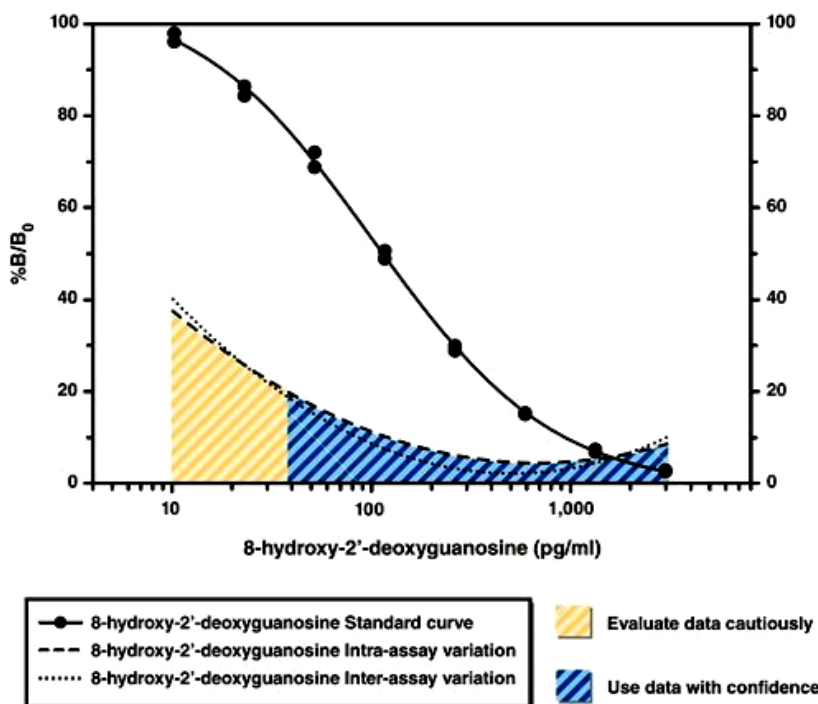
SKT-120-480

5 x 96-well

DNA Damage EIA Kit Specifications

Species Reactivity:	Species Independent - Detects 8-OHdG
Sample Type:	Urine Cell Culture Plasma Other Sample Matrices
Sensitivity:	30 pg/ml
Assay Range:	100-30 pg/ml
Incubation Time:	18 hours
Product Citations:	27
Storage Temp:	-20°C
Shipping Temp:	4°C

StressMarq Biosciences is pleased to provide you with the most sensitive 8-hydroxy-2-deoxy Guanosine Enzyme Immunoassay (EIA) kit on the market! StressMarq's 8-OH-dG EIA is a competitive assay that can be used for the quantification of 8-OH-dG in urine, cell culture, plasma, and other sample matrices. The EIA utilizes an anti-mouse IgG-coated plate and a tracer consisting of an 8-OH-DG-enzyme conjugate. This format has the advantage of providing low variability, and increased sensitivity compared to assays that utilize an antigen-coated plate. Our EIA typically displays IC₅₀ (50% B/B₀) and IC₈₀ (80% B/B₀) values of approximately 100 and 30 pg/mL, respectively.



Kit Components:

- 8-hydroxy-2-deoxy Guanosine Monoclonal Antibody
- 8-hydroxy-2-deoxy Guanosine AChE Tracer
- 8-hydroxy-2-deoxy Guanosine EIA Standard
- EIA Buffer Concentrate (10X)
- Wash Buffer Concentrate (400X)
- Tween 20
- Goat Anti-Mouse IgG Coated Plate
- Plate Cover
- Ellman's Reagent
- EIA Tracer Dye
- EIA Antiserum Dye

For a complete list of available products, please visit: www.stressmarq.com

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