

# Product Datasheet

## 8-oxo-dG ELISA Kit (Colorimetric) NBP2-62143

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**NBP2-62143****8-oxo-dG ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Specificity/Sensitivity</b>	The DNA Damage ELISA also detects 8-hydroxyguanosine (product of oxidative RNA damage) and 8-hydroxyguanine (product of oxidative DNA damage by hydroxyl radicals).
<b>Kit Components</b>	Microtiter plate, Standard, Sample diluent, Wash buffer concentrate, Antibody, Antibody diluent, Conjugate, Conjugate diluent, TMB Substrate, Stop solution 2
<b>Standard Curve Range</b>	0.94 - 60 ng/ml
<b>Sensitivity</b>	0.59 ng/ml
<b>Inter Assay</b>	The Inter-Assay Coefficient of variation of the DNA Damage ELISA has been determined to be <10%
<b>Intra Assay</b>	The Intra-Assay Coefficient of variation of the DNA Damage ELISA has been determined to be <10%.
<b>Assay Type</b>	Competitive ELISA
<b>Spiking Recovery</b>	N/A
<b>Suitable Sample Type</b>	Serum, saliva, urine, plasma, seminal fluids, cell lysates, culture supernatants, DNA extracts
<b>Sample Volume</b>	50 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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