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بقسم التوثيق الإلكتروني بمركز الشبكات وتكنولوجيا المعلومات دون أدنى

مسئولية عن محتوى هذه الرسالة.

### ملاحظات:



# التميط الكيميائي و تقييم النشاط الوائي من الاشعاع لأوراق نبات الاستيفيا المزروعة في مصر

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# **Chemical Profiling and Radioprotective Activity Evaluation of *Stevia* Leaves Cultivated in Egypt**

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**List of abbreviations**

Ab	Absorbance
ALT	Alanine transaminase
APP	4-aminophenazone
APT	Attached Proton Test
AST	Aspartate aminotransferase
CDNB	1- chloro- 2,4-dinitrobenzene
COX-2	Cyclooxygenase 2 enzyme
DAB	Diaminobenzidine
DHBS	3,5-Dichloro -2- hydroxyl benzene sulfonic acid
DTNB	2-nitrobenzoic acid
EDTA	Ethylenediaminetetraacetic acid
ELISA	Enzyme-linked immunosorbent assay
ESI	Electron Spray Ionization
g/l	Gram / liter
GC-MS	Gas Chromatography / Mass Spectrometry
GSH	Glutathione Reduced
GST	Glutathione S Transferase
Gy	Gray
HF	Hexane Fraction
HRP	Horseradish Peroxidase
IU/ml	International unit per milliliter
LC-MS	Liquid Chromatography / Mass Spectrometry
MDA	Malondialdehyde



mol/l	Mole/ liter
mmol/l	Millimole / liter
NaOH	Sodium hydroxide
NF- $\kappa$ B	Nuclear factor kappa B
nm	Nanometer
ODS	Octadecylsilanized
ppm	Part Per Million
Rad	Radiation
TBA	Thiobarbituric Acid
TBS	Tris buffered saline
TCA	Trichloroacetic acid
TNF- $\alpha$	Tumor necrosis factor - alpha

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