### A composition (RCUD) for protecting and/or repairing DNA from oxidative damages and a method thereof

A composition useful for protecting and/or repairing DNA from oxidative damages said composition comprising redistilled cow's urine distillate (RCUD) having components benzoic acid, and hexanoic acid, with ammonia content of the composition ranging between 5-15mg/L, and optionally along with anti-oxidants; and a method of protecting and/or repairing DNA from oxidative damages using composition of claim 1, said method comprising steps of estimating the amount of folded DNA in a sample, mixing the said composition to the said DNA either before or after the exposure of the DNA to the oxidatively DNA-damaging agent, and determining percentage folded DNA in the mixture showing protection and/or repair of DNA from oxidative damages.

### Claim(s):

A composition useful for protecting and/or repairing DNA from oxidative damages said composition comprising redistilled cow's urine distillate (RCUD) having components benzoic acid, and hexanoic acid, with ammonia content of the composition ranging between 5-15mg/L, and optionally along with anti-oxidants; and a method of protecting and/or repairing DNA from oxidative damages using composition of claim 1, said method comprising steps of estimating the amount of folded DNA in a sample, mixing the said composition to the said DNA either before or after the exposure of the DNA to the oxidatively DNA-damaging agent, and determining percentage folded DNA in the mixture showing protection and/or repair of DNA from oxidative damages.