

**Total radical-trapping antioxidant parameter (TRAP) in seminal plasma**

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Overproduction of oxygen free radicals in semen, resulting in lipid peroxidation may lead to sperm injury, and limit male fertility. Therefore, antioxidant activity in semen is of prominent importance for preservation of sperm condition. Little is known about the protective properties of the seminal plasma in this process. The purpose of our study was to determine the total antioxidant capacity in the human seminal plasma using TRAP technique. The mean TRAP in specimens from randomly selected men was 983.8  $\mu\text{mol/l}$ . No correlation between antioxidant activity and sperm count, movement characteristics, or embryos number could be established. Further investigation on TRAP in seminal plasma, possible with other semen parameters may be of clinical value.