

**ARG82769**  
**ROS / RNS Assay Kit**Package: 96 assay  
Store at: 4°C, -20°C

### Summary

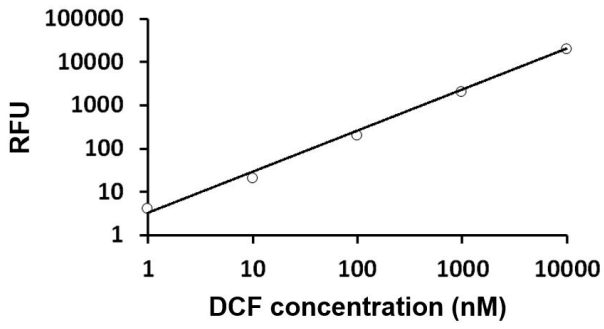
|                     |   |
|---------------------|---|
| Product Description | ARG82769 ROS / RNS Assay Kit is a detection kit for the quantification of total ROS (reactive oxygen species) and RNS (reactive nitrogen species) in serum, plasma, cell culture supernatants, urine and cell / tissue lysates. |
| Tested Reactivity   | Other   |
| Tested Application  | FuncSt  |
| Specificity         | Measures total reactive oxygen species and reactive nitrogen species, including hydrogen peroxide, nitric oxide, peroxy radical, and peroxy nitrite anion.  |
| Target Name         | ROS / RNS   |
| Conjugation Note    | $\lambda$ ex/em = 480 / 530 nm (fluorometric)   |
| Sensitivity         | DCF: 10 pM<br>Hydrogen peroxide: 40 nM  |
| Detection Range     | DCF: 1 - 10000 nM<br>Hydrogen peroxide: 0.04 - 20 $\mu$ M   |
| Sample Type         | Serum, plasma, cell culture supernatants, urine and cell / tissue lysates.  |
| Sample Volume       | 50 $\mu$ l  |

### Application Instructions

Assay Time &lt; 1 hour

### Properties

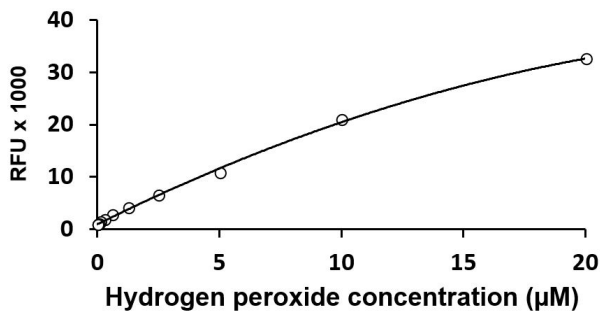
|                     |  |
|---------------------|--|
| Form                | Liquid   |
| Storage instruction | Store the kit at 4°C or -20°C. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.   |



ARG82769 ROS / RNS Assay Kit typical data demonstration image

ARG82769 ROS / RNS Assay Kit results of a typical data.

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