

Hydroxyphenyl Fluorescein (HPF)

Aminophenyl Fluorescein (APF)

| Code. | Product name | Property | Amount | Storage upon receipt | Stability |
|-----------|---------------------------------|-------------------|--------------------------------|---|---|
| SK3001-01 | Hydroxyphenyl Fluorescein (HPF) | 5 mM DMF solution | 0.47 mL (contains 1 mg HPF) | ≤ 4° C, protect from light and keep away from fire. | 1 year (when unopened and stored as described.) |
| SK3001-02 | Hydroxyphenyl Fluorescein (HPF) | solid | 1 mg | ≤-20° C, keep desiccated and protected from light. | |
| SK3002-01 | Aminophenyl Fluorescein (APF) | 5 mM DMF solution | 0.47 mL (contains 1 mg APF) | ≤ 4° C, protect from light and keep away from fire. | |
| SK3002-02 | Aminophenyl Fluorescein (APF) | solid | 1 mg | ≤-20° C, keep desiccated and protected from light. | |

Principle of the hROS detection

APF and HPF have almost no fluorescence in neutral physiologic aqueous solutions and fluoresce after reaction with hROSs. The reaction generates fluorescein (excitation at 490 nm, emission at 515 nm) which can be observed with fluorescence microscope, etc

