

ResveraQ™

The most efficient free radical scavenger for aging prevention

Patent Application Filed



ABOUT ResveraQ™

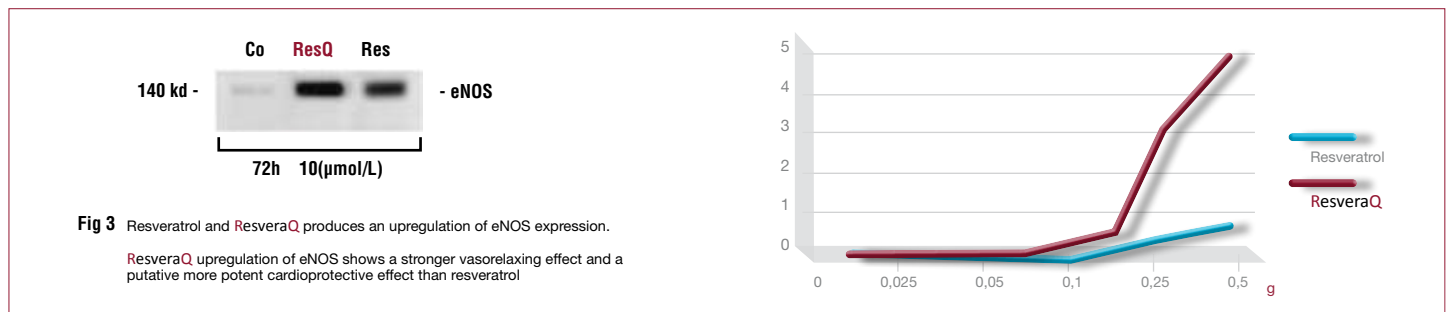
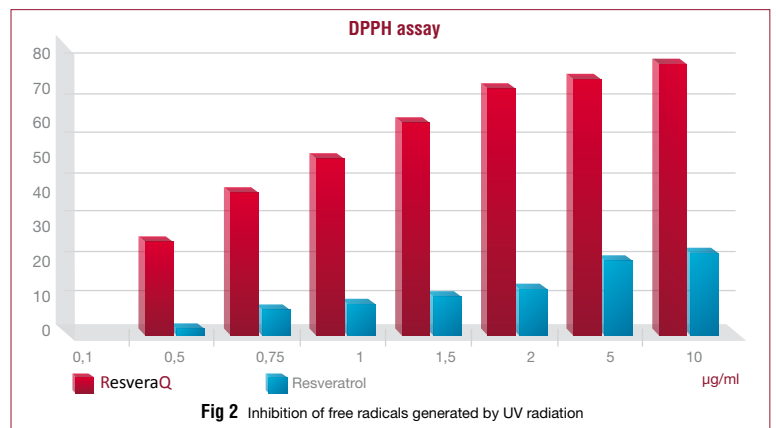
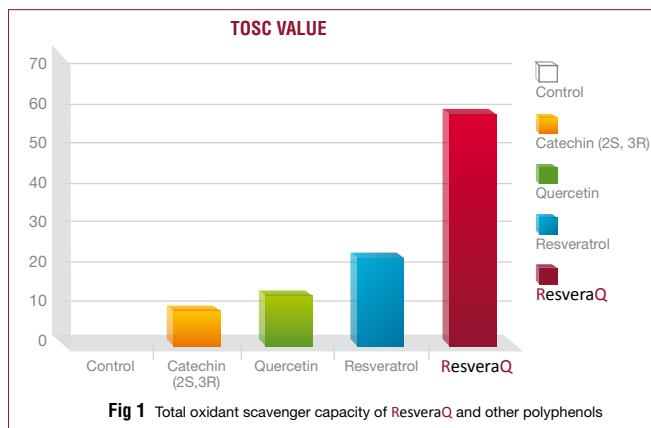
ResveraQ is a natural ingredient obtained from botanicals.

Four R&D groups (Botanist - Analyst - Biochemist - Molecular Biologist) are involved in the discovery, experiments and physiological properties of ResveraQ.



WHY ResveraQ™

- 3-7 times more antioxidant activity than resveratrol and other polyphenols. (TOSC assay)
- 3-10 times more effective against UV radiation photoaging. (DPPH assay)
- More efficient in gene expression - antioxidant related properties. (eNOS expression)
- 10 times more bioavailable than resveratrol - stand alone. (BAMP - *in vivo* test)
- Synergetic action of polyphenols contained in ResveraQ increase the biological activities and the physiological benefits.



ABOUT BIOAVAILABILITY

Large concentrations of resveratrol, which produces deleterious effects in some *in vivo* models, may not even be possible to achieve in humans through oral supplementation because of its very low bioavailability.

ResveraQ increases 10 times resveratrol bioavailability and its polyphenol synergism increase its biological activities.



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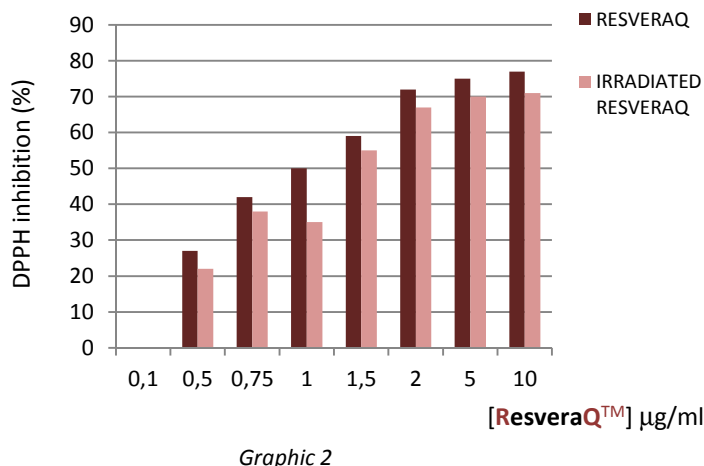
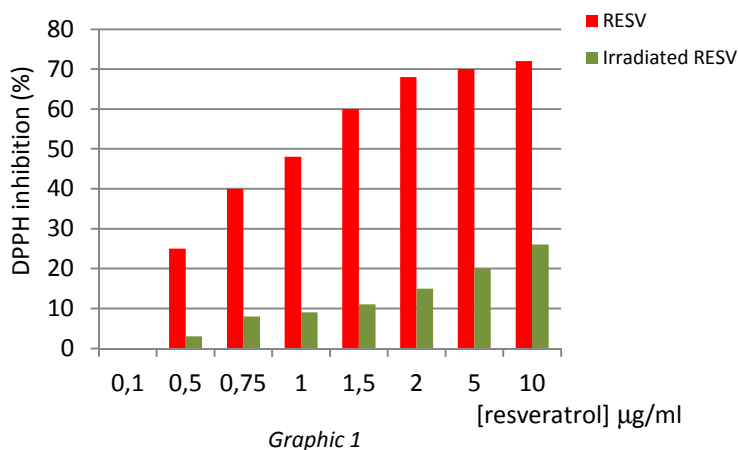
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ResveraQ™ is a natural ingredient with synergic antioxidant activity by combination of natural polyphenols. **ResveraQ™** is suitable for cosmetic formulations.

UV IRRADIATION PROTECTION:

It has been investigated the photostability of **ResveraQ™** with regard its antioxidant activity, under forced exposure to UVB radiation.

- 🌿 The antioxidant activity is determined by DPPH (1,1-diphenyl-2-picrylhydrazyl) free radical assay.
- 🌿 Assay is performed in non-irradiated and irradiated samples of resveratrol and **ResveraQ™** to investigate the photostability under UVB radiation.



Results:

- 🌿 **ResveraQ™** protects from photo-oxidation mediated by UV radiation.
- 🌿 Resveratrol is not resistant to UVB irradiation exposure (*Graphic 1*)

ResveraQ™ decreases the harmful effects caused by UV irradiation in skin, since the results obtained showed that **ResveraQ™** is resistant of degradation caused by UVB irradiation exposure.

ResveraQ™ is 3-10 times more effective against UV radiation photoaging than resveratrol.



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