

WK Pep[®] Coll



WKPep[®]Coll is an anti-aging peptide that penetrates from epidermis into dermis deeply where it stimulates collagen synthesis by activating TGF- β . Moreover, it interacts with hyaluronic acid and elastin production systems. The both synergistic effects of these characteristics improve the appearance of fine lines and wrinkles, maintain skin healthier and more younger.

PRODUCT DESCRIPTION

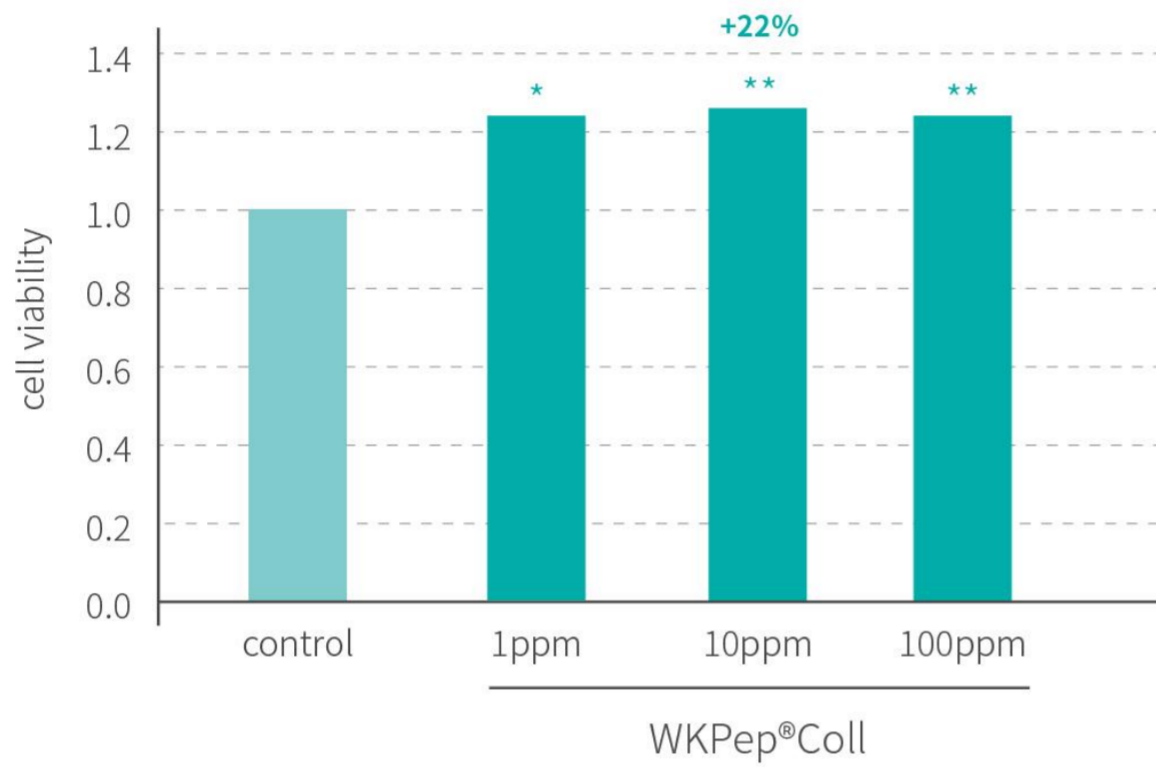
INCI Name	Palmitoyl Tripeptide-5, Water, Glycerin
CAS Number	n/a, 7732-18-5, 56-81-5
Appearance	Viscous liquid, colorless to yellowish
Peptide content	\geq 1000 ppm
Recommended dosage	1-3%
Compatibility	Avoid the use of compounds containing aldehyde and ketones, metal ions, strong acids, strong bases, active enzymes.

EFFICACY TEST

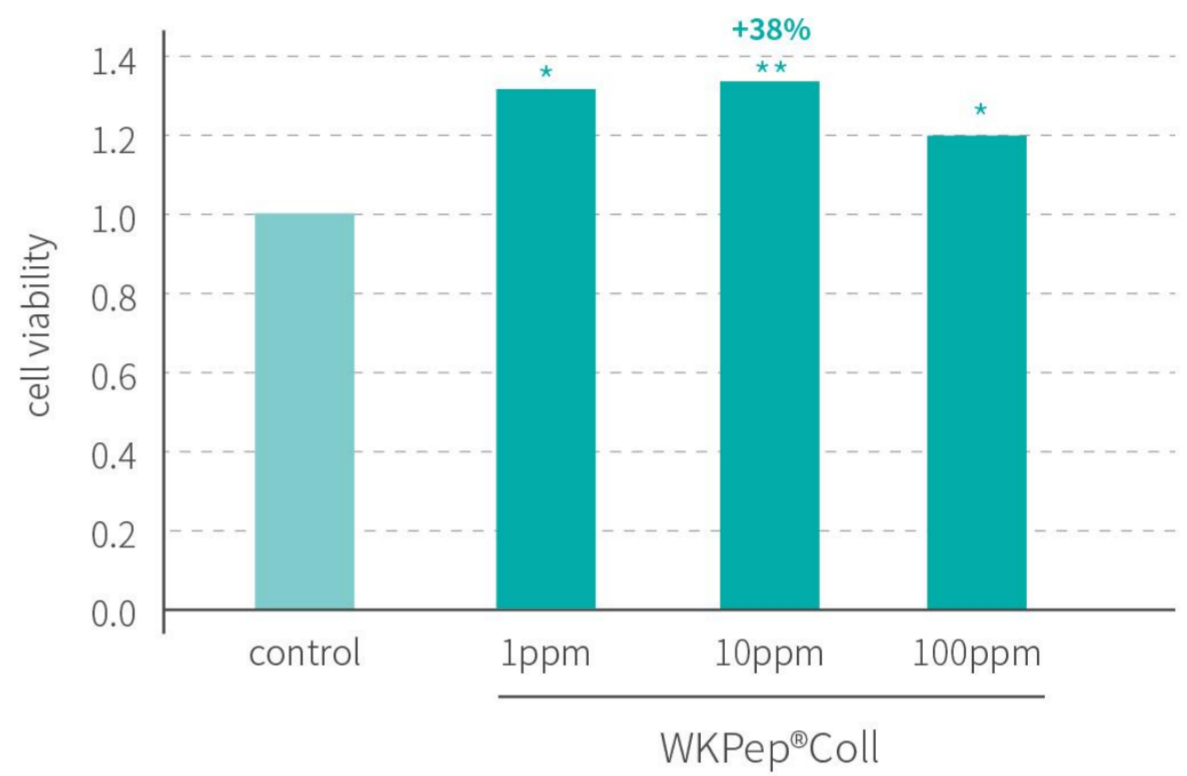
In vitro test

- Boost cellular regeneration from epidermis to dermis

HaCaT cell viability



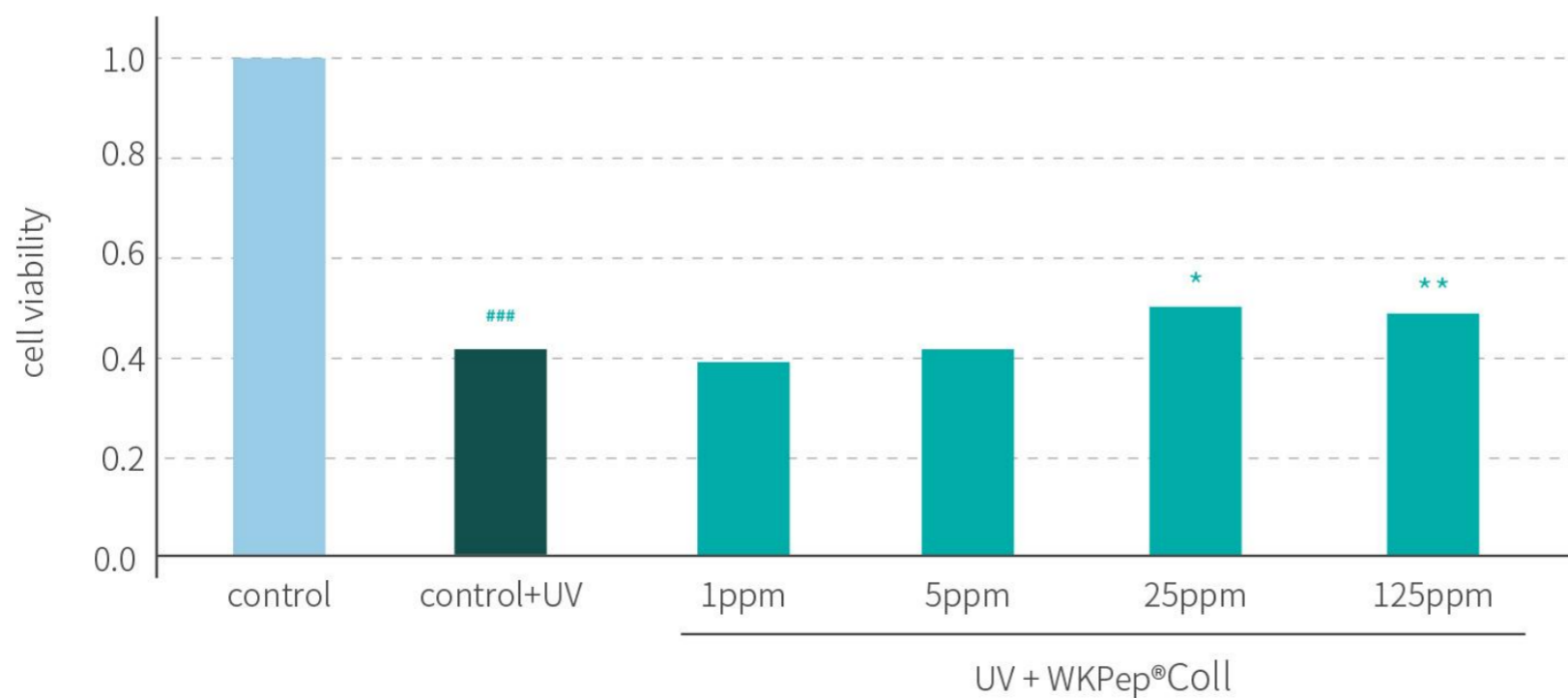
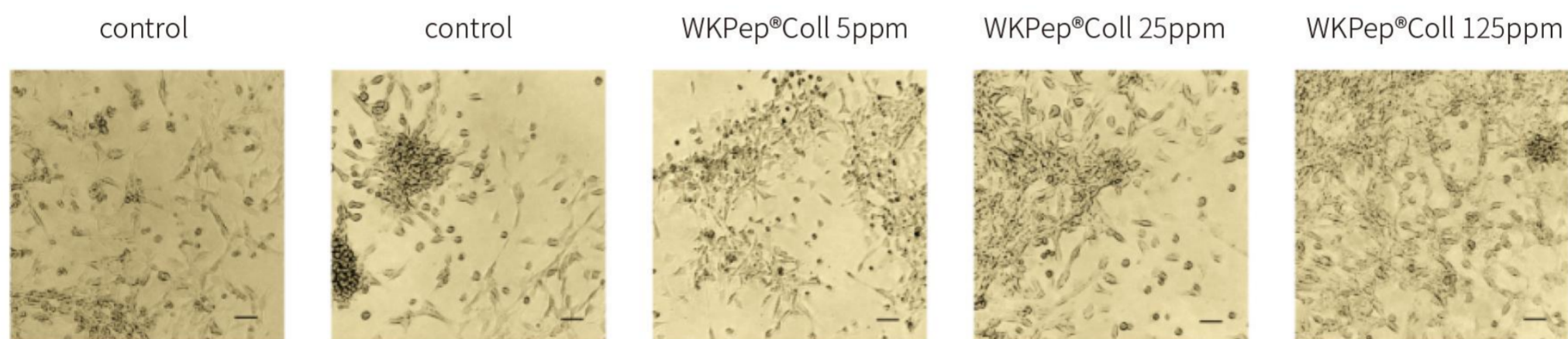
NIH3T3 cell viability



*P<0.05, **P<0.01 vs control.

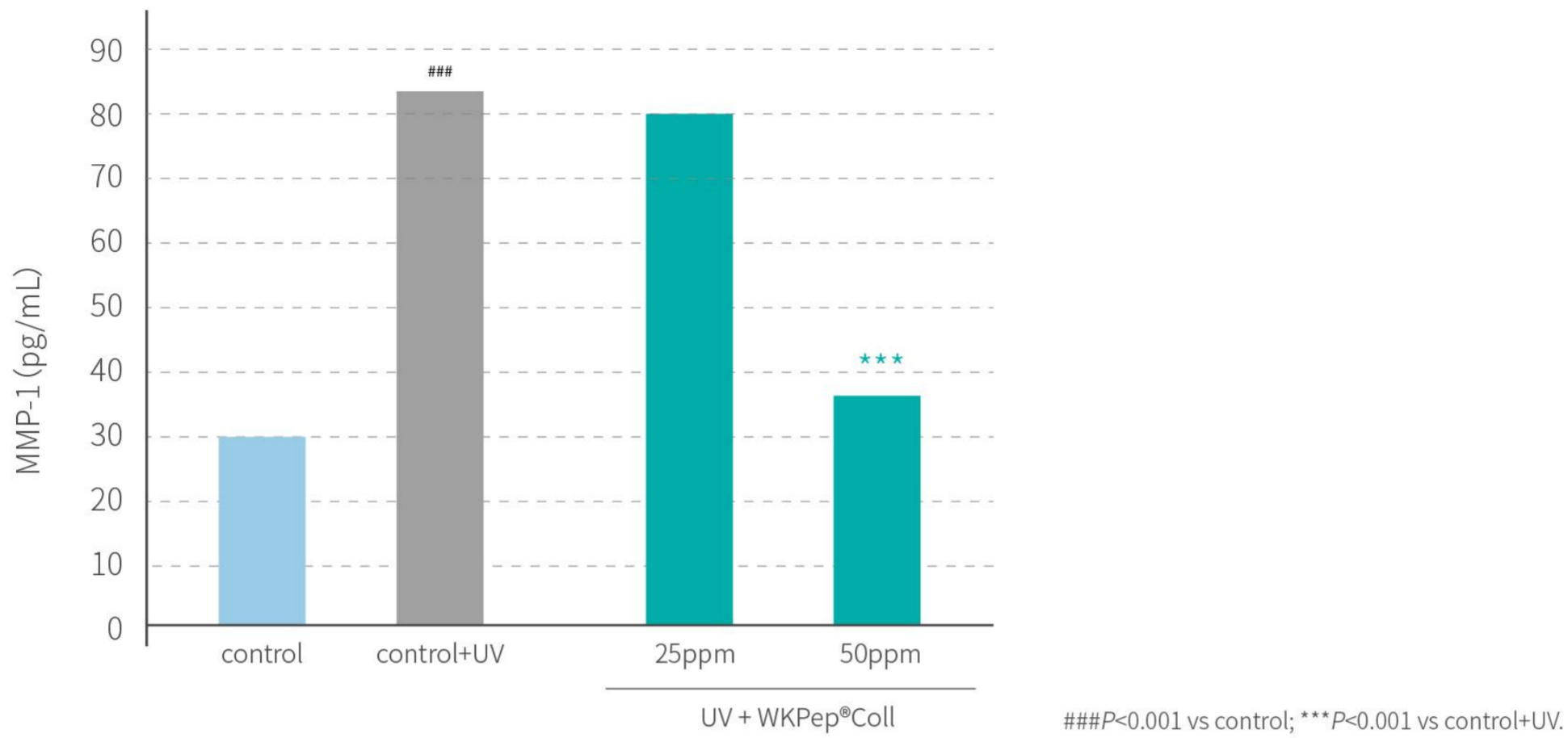
- Repair photo-aging cells

UV 80J/cm³

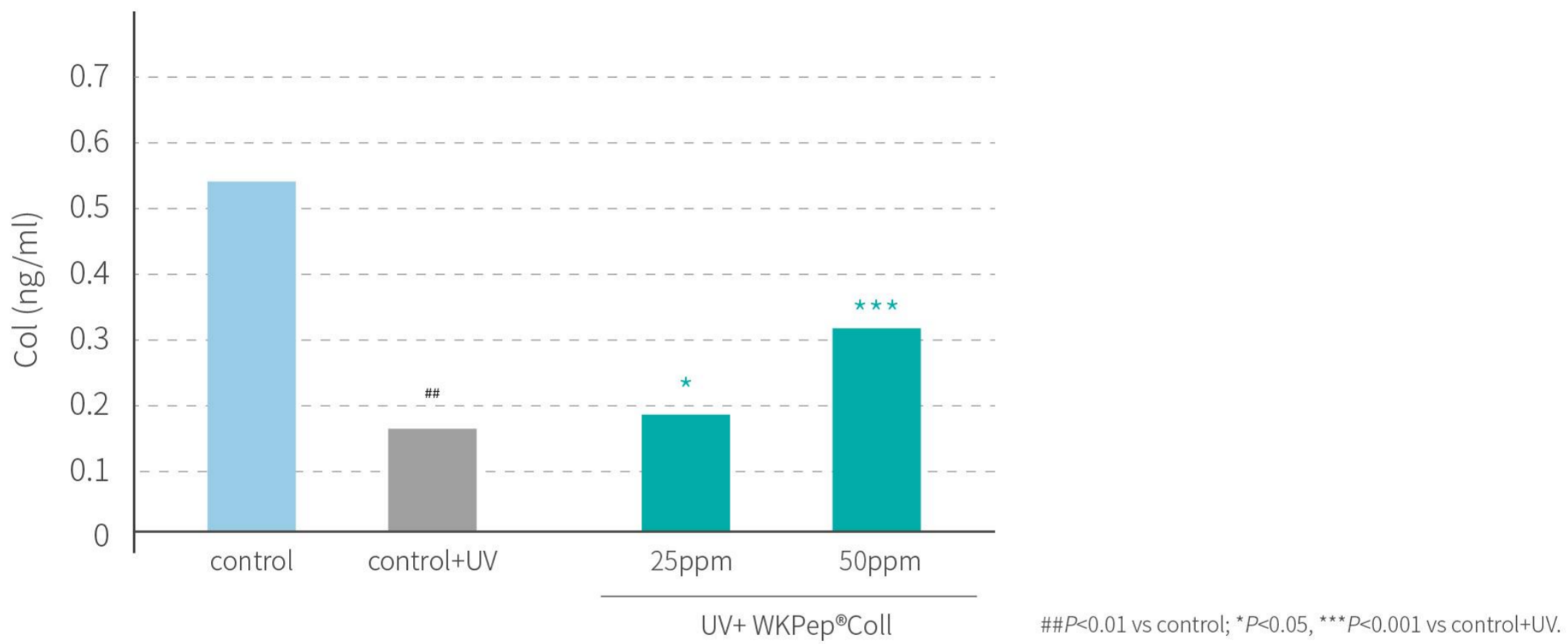


###P<0.001 vs control; *P<0.05, **P<0.01 vs control+UV.

- Reduce collagen degradation by inhibiting the expression of MMP-1



- Significantly promote collagen production after UV radiation



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