

NEW

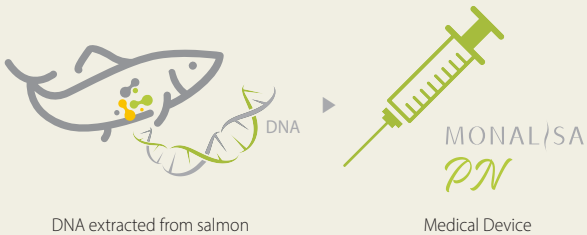
Polynucleotide Filler with Lidocaine

MONAL)SA

PN₂₀

PN₅₀

- High purity DNA extracted from salmon
- Stimulation of collagen production
- Improvement of skin elasticity and wrinkles
- Skin rejuvenation



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For Patients & Doctors



Polynucleotide Filler with Lidocaine

MONALISA PN

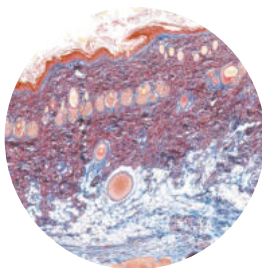


Product Specification¹

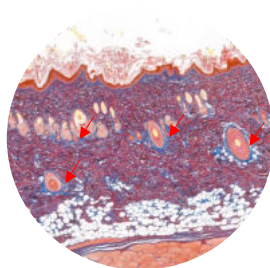
Polynucleotide	MONALISA PN 20	20 mg/mL
	MONALISA PN 50	50 mg/mL
Lidocaine		0.3 %
Volume		1.0 mL/syringe

In vivo study² Rat dermis injection, 2w MT staining

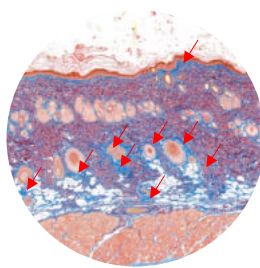
PN appears to stimulate collagen synthesis



Control

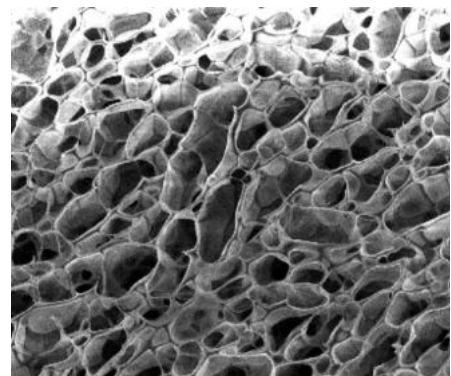


PN 20 mg/mL



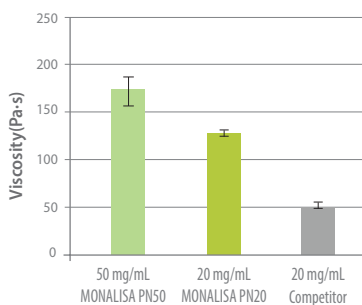
PN 50 mg/mL

Uniform Microstructure (SEM)³



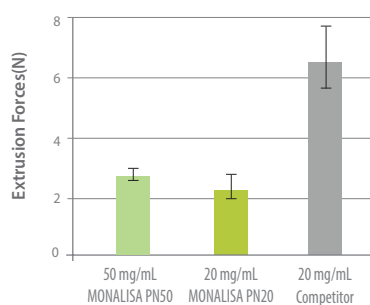
Comparison of Key Properties⁴ Higher viscosity yet easier injection

· Viscosity (25°C)



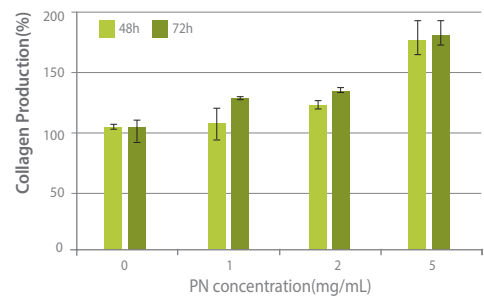
· Extrusion Forces

(with 33G 4mm needle)



· Expression of type I Collagen

(Mouse fibroblast: L-929, Sircol collagen assay)



* 1, 2, 3, 4 GENOSS Data on file

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