

An innovative service for
biomarker measurements
directly from skin



FibroTx Patch

*non-invasive biomarker
measurements*

from skin

Contact us
FibroTx
Mäealuse 4
Tallinn, 12618
ESTONIA

tel +372 530 21 325
skype fibrotx
web www.fibrotx.com



FibroTx Patch

FibroTx Patch is a highly versatile and efficient skin biomarkers measurement method used for dermatological and pharmacological research

FibroTx Patch is a non-invasive and easy-to-use test that allows biomarkers qualitative and quantitative analysis directly from skin surface.

FibroTx Patch test allows measurements of cytokines, anti-microbial peptides, growth factors, proteases, protease inhibitors, and other molecules implicated in various physiological processes in the skin.

FibroTx Patch allows measuring up to 15 different biomarkers with a single test. The choice of biomarkers can be done before or any time after FibroTx Patch application.

FibroTx Patch can be used for clinical studies or product development purposes in skin care and dermatology.

How it works?



FibroTx Patch is supplied in the form of kits containing FibroTx sample collection patch, activation reagent, sample storage tube and instructions



FibroTx sample collection patch consists of sample collection pad and dermal adhesive bandage for easy fixture to skin.



FibroTx Patch is applied to the skin for 15 minutes, sample collection pad is returned to FibroTx for analysis.

The current list of biomarkers

INTERLEUKINS		PROTEASES	
IL-1 α	Interleukin-1 α	KLK-5	Kallikrein-related peptidase 5
IL-1 β	Interleukin-1 β	MMP-2	Matrix metallopeptidase 2
IL-1RA	Interleukin-1 receptor antagonist	MMP-9	Matrix metallopeptidase 9
IL-36 α	Interleukin-36 α		
IL-36 γ	Interleukin-36 γ	PROTEASE INHIBITORS	
IL-36RA	Interleukin-36 receptor antagonist	PI-3	Trappin-2/Elafin
IL-6	Interleukin-6	SLPI	Secretory leukocyte protease inhibitor
IL-8	Interleukin-8	TIMP-1	Metallopeptidase inhibitor 1
IL-12	Interleukin-12	TIMP-2	Metallopeptidase inhibitor 2
IL-17A	Interleukin-17A	ANTI-MICROBIAL PEPTIDES	
IL-18	Interleukin-18	hBD-1	Human β -defensin-1
IL-22	Interleukin-22	hBD-2	Human β -defensin-2
IL-23	Interleukin-23	hBD-3	Human β -defensin-3
IL-31	Interleukin-31	hBD-4	Human β -defensin-4
CHEMOKINES		S100A7	Psoriasin
CCL-2	C-C motif chemokine 2	S100A8/9	Calprotectin
CCL-5	C-C motif chemokine 5	S100A9	Calgranulin B
CCL-17	C-C motif chemokine 17	OTHER	
CCL-20	C-C motif chemokine 20	HA	Hyaluronic acid
CCL-22	C-C motif chemokine 22	DJ-1	Protein deglycase DJ-1
CCL-26	C-C motif chemokine 26/eotaxin-3	TSLP	Thymic stromal lymphopoietin
CCL-27	C-C motif chemokine 27	TL-1a	Tumor necrosis factor ligand superfamily member 15
CXCL-1/2	Chemokine (C-X-C motif) ligand 1/2	S100B	S100 calcium-binding protein B
CXCL-3	Chemokine (C-X-C motif) ligand 3	uPA	Urokinase type plasminogen activator
CXCL-9	Chemokine (C-X-C motif) ligand 9	PAI-1	Plasminogen activator inhibitor-1
CXCL-10	Chemokine (C-X-C motif) ligand 10		
CXCL-12	Chemokine (C-X-C motif) ligand 12		
GROWTH FACTORS			
VEGF	Vascular endothelial growth factor A		
HB-EGF	Heparin-binding EGF-like growth factor		
KGF	Keratinocyte growth factor		