



Svelteam®

A natural slimming agent:
an indirect action induced by
keratinocytes



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Lipolysis, a new effective pathway

EPHYLA
Natural Active Design

An indirect action
via keratinocytes:
Svelteam stimulates
ZAG production
For a short term
effect

A direct action:
Svelteam inhibits
G6PDH
For a mid-term
effect





Function: slimming active ingredient

Renewable botanical origin: seeds

Geographic Origin: bush from Sahel region - Intertropical Africa (Burkina Faso)

Available forms: Powder- Svelteam Be - INCI: Bentonite & Balanites roxburghii seed extract

Liquid- Svelteam Et - INCI: Alcohol & Balanites roxburghii seed extract

Identity card

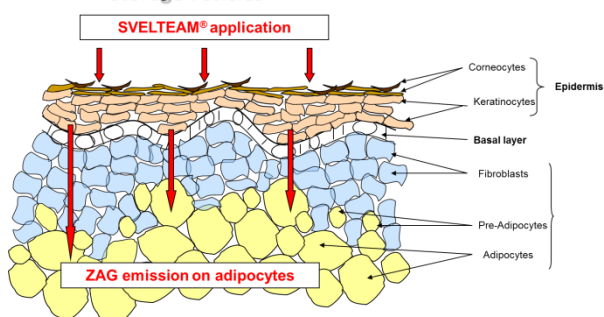


Desert date seeds

Lipolysis, a new pathway

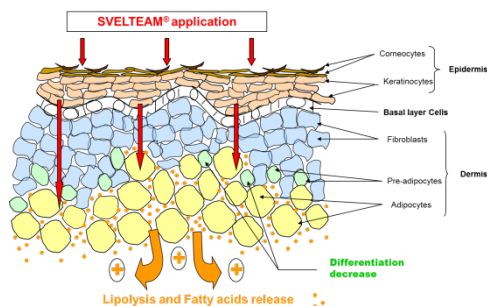
1. An Indirect action via keratinocytes

- Svelteam stimulates ZAG production:
 - cAMP over expression
 - Negative control on lipids storage metabolism (EPA antagonist)
- SHORT TERM EFFECT, immediate release from the storage vesicles



2. A Direct action

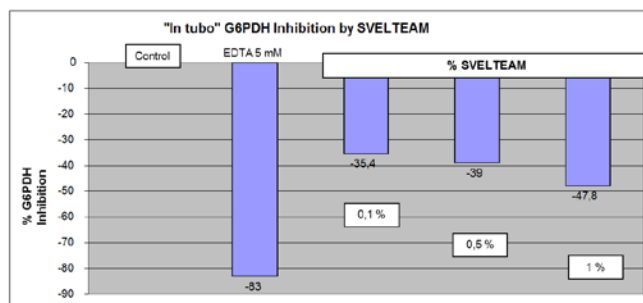
- Svelteam inhibits G6PDH:
 - Negative Control over adipocytes differentiation
- MID-TERM EFFECT, prevents storage vesicles neo formation:



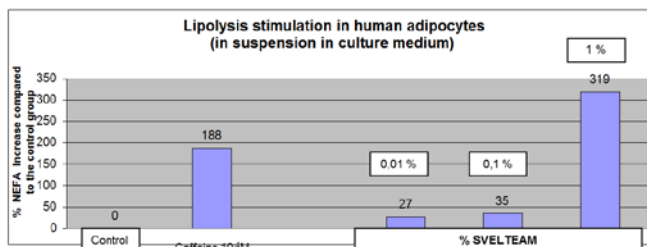
in Vitro analysis

• Pre-adipocyte differentiation in adipocytes :

A specific inhibition of G6PDH upsets cell differentiation



• Lipolysis induction: Svelteam VS Caffeine



NEFA = non esterified fatty acid



A natural strategy for a short term effect

A direct action for a mid-term effect

