



Your outermost defensive barrier

From urban pollution to chemicals and UVB rays, our world is filled with toxins and environmental insults that can disrupt your skin barrier, resulting in skin damage, dysregulated hydration, and an imbalanced microbiome.

That's why it's crucial to bolster your body's first line of defense: the skin barrier.



What damages our skin daily

- Environmental toxins
- Harmful UV rays
- Blue light from screens
- Inflammatory-causing foods
- Alcohol consumption
- Urban pollution
- Chlorinated water
- Chemicals in cosmetics*

* In the United States, there are only 11 cosmetic ingredients banned. Comparatively, over 1,600 have been outlawed or restricted in the European Union and other countries.



The Gut-Skin Axis

Your gut health plays a significant role in the health and appearance of your skin – thanks to something called the “gut-skin axis”, a two-way communication system between your gut microbiome and your skin.

A healthy microbiome:

- Produces beneficial compounds, which help reduce inflammation throughout the body, including your skin.
- Makes it easier for your body to absorb essential nutrients from food, like vitamins A, C, and E, which are crucial for maintaining healthy skin.
- Helps to eliminate toxins and waste products from your body, which can prevent breakouts and contribute to a clearer complexion.
- Supports your immune system in fighting off pathogens and protecting your skin from infections.



Connection is key

At ION*, we're all about connection – starting with the very foundation of our science: **tight junction integrity**.

- Tight junctions are the seals between your cells which help to create defensive barriers at the gut and skin.
- They act intelligently to keep toxins out of the body.

ION* Skin Support works much the same way that it does in the gut:

- Reinforces cellular connection
- Supports a healthy terrain for a diverse microbiome
- Strengthens your body's first line of defense and largest organ (the skin) against toxins.



The heart of our science

Humic Extract (Fulvate derived from ancient soil):

Our humic extract is US-sourced from ancient soil (roughly 60 million years old!) and contains a blend of bacterial metabolites (fulvate) and less than 1% of a variety of trace minerals and amino acids.

Fulvate is a unique family of carbon molecules with oxygen-binding sites that are produced by bacteria when they digest nutrients.

- These molecules are the molecular communication network of the microbiome (microbe to microbe and microbe to cell), standing apart from fulvic acids in an alkaline state.
- By keeping fulvate in its natural state, ION* better facilitates electron transfer, helping with critical functions like toxin defense by building a healthy and strong skin barrier.



Whole Body Wellness

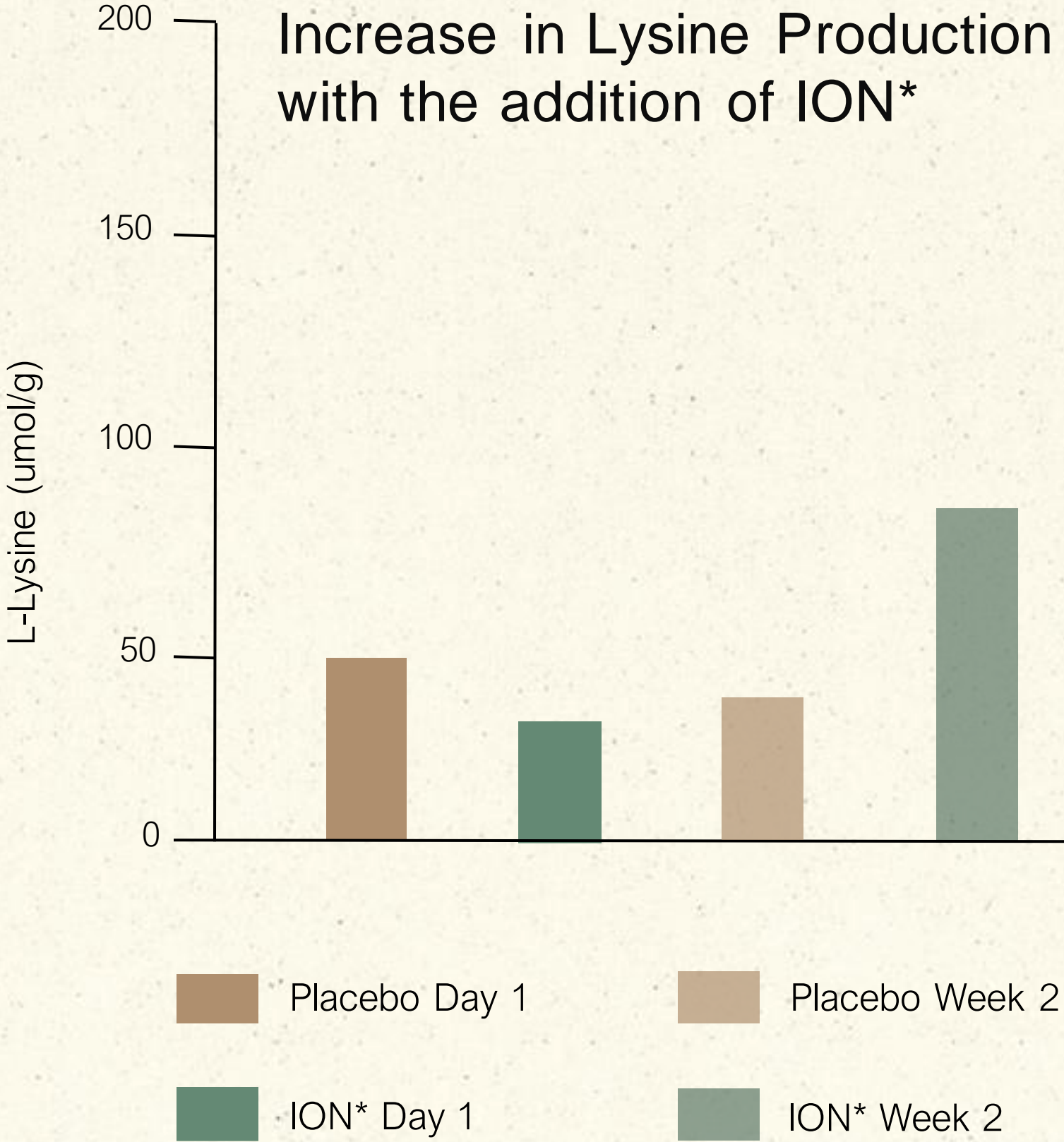
ION* Skin Support was designed to complement **ION* Gut Support** in its use of fulvate to support cellular strength at your body's barriers.

ION* Gut Support has been shown to upregulate lysine (a precursor to collagen formation) and glutathione (a powerful antioxidant), as well as balance reactive oxygen species (aka, free radicals).



Support your skin from within

By combating inflammation, modulating immune response, and supporting lysine production, ION* Gut Support works to beautify from the inside out.



ION* Skin Support...
formulated for a new terrain





Level up your daily skincare ritual

ION* works on every layer of the skin to promote a healthy barrier that functions as it was meant to.

By promoting collagen production, minimizing signs of skin damage, defending against toxins, and regulating natural hydration, ION* naturally supports skin health with no chemicals or harsh ingredients.

Never tested on animals and always mindfully formulated, ION* Skin Support levels up your skincare ritual, gently and naturally.



Healthier skin, naturally

All-natural and backed by science, ION* works at the foundation of skin health with simple yet effective ingredients that bolster your skin's barrier.

— Humic Extract:

Fulvate derived from ancient soil

— Purified Water:

No chlorine. No gnarly chemicals. Just the finest purified water to support a healthy and thriving you.

— Silicon:

Supports collagen production and overall skin, hair, and bone health.

— Zinc Gluconate:

Soothes and regulates immune response on the skin, and helps to limit oxidative stress caused by free radicals.

— Copper Gluconate:

Improves skin's firmness and texture by promoting collagen and elastin production. It has been used for centuries for its anti-inflammatory and antibacterial properties.

— Magnesium Citrate:

Aids in fortifying the skin's natural moisture barrier, relieving dry skin, and reducing inflammation.



Proven, visible benefits

Protect Against Toxins

ION* Skin Support is specially formulated to work with keratinocytes, the primary cells forming your skin barrier. Your body's barriers know what to let in (nutrients) and what to ward off (toxins), but the barriers must be strong, with tight junctions intact. ION* works to strengthen your skin barrier at a cellular level by fostering tight junction integrity, helping to promote this intelligent defense system at a foundational level.

Reduce Signs of Skin Damage

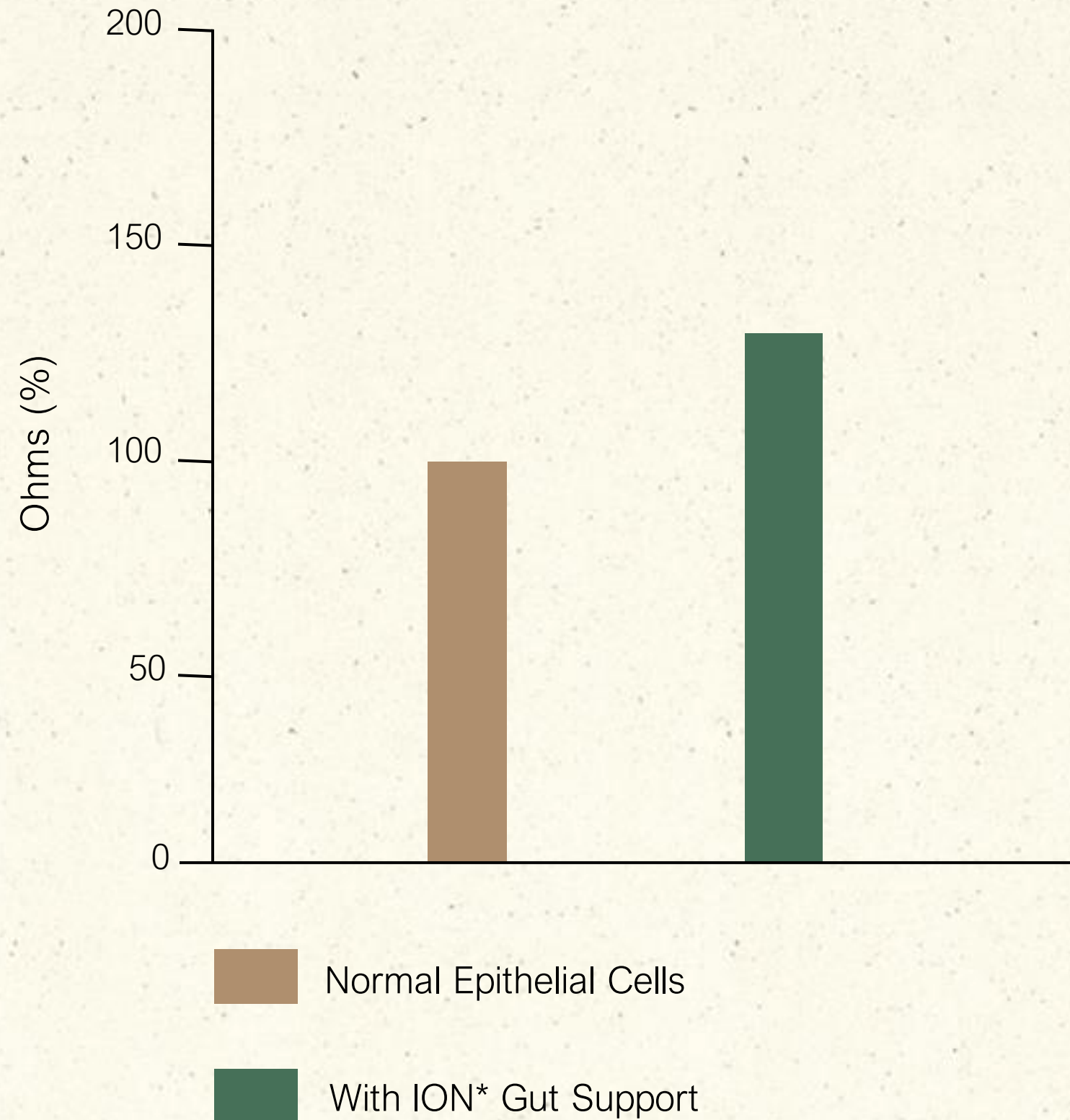
Glutathione is a powerful antioxidant made by your body and found in almost every cell. Critical for preventing damage, glutathione helps to neutralize free radicals, boost immune function, and detoxify the body. ION* Skin Support has been shown to boost glutathione levels in skin cells, resulting in healthier and smoother-looking skin.

Balance Complexion

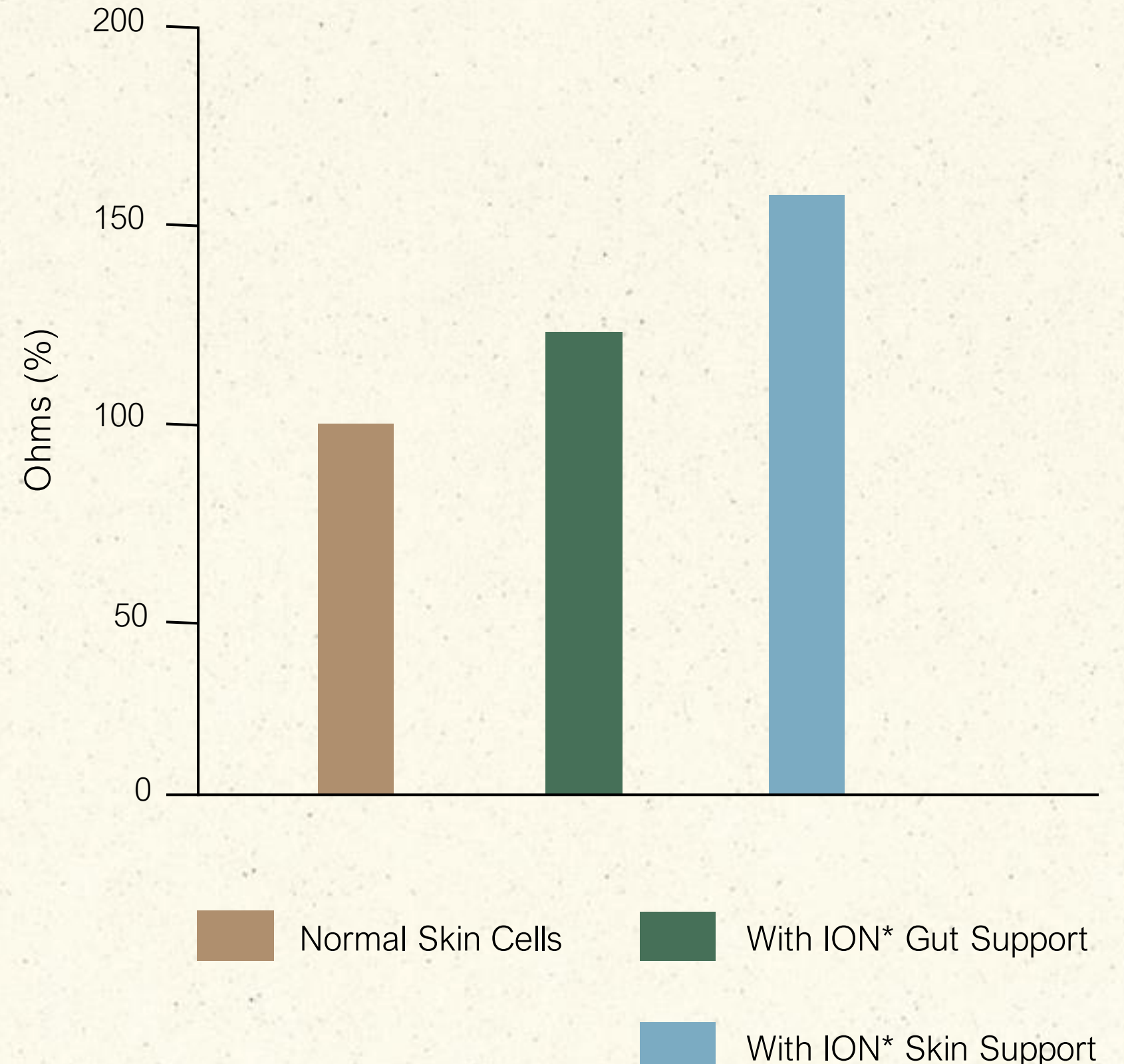
ROS (reactive oxygen species) can stimulate melanin production, leading to hyperpigmentation or uneven skin tone, resulting in dark spots, sun spots, and other forms of skin discoloration, giving the skin a dull and uneven appearance. By balancing ROS, ION* helps to aid in an even and balanced complexion while regulating hydration.



TEER increase in intestinal cells with addition of ION* Gut Support



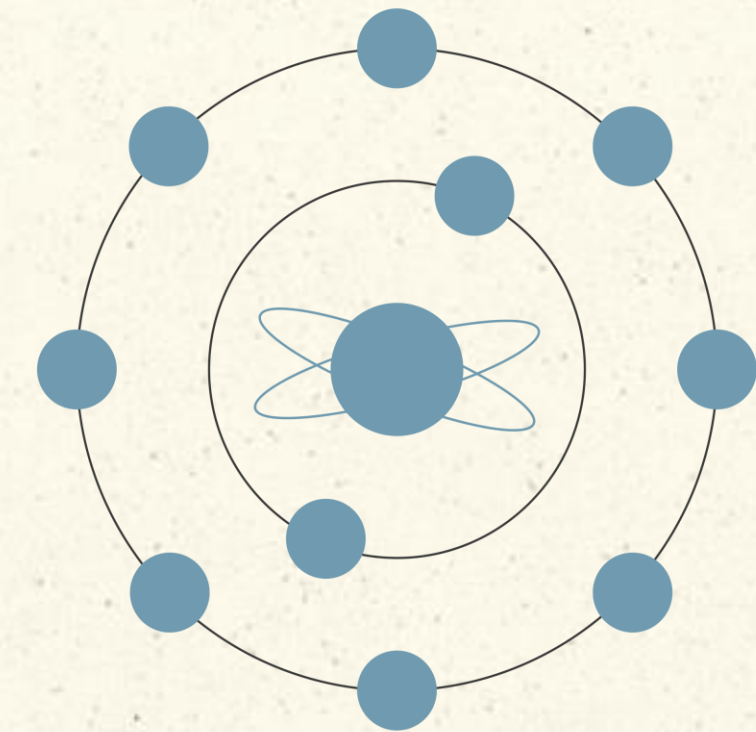
TEER increase in skin cells with addition of ION* Skin Support



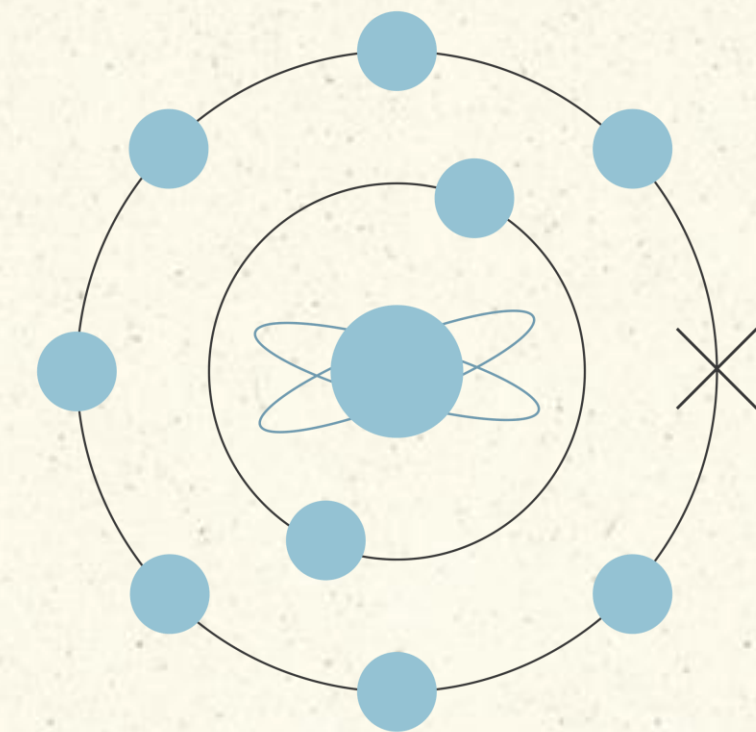
Skin structure is key, but let's dig deeper...

In addition to increasing TEER (how we measure tight junction strength), ION* Skin Support helps to stabilize ROS (reactive oxygen species) in response to UV exposure.

Reactive Oxygen Species (ROS) are ions with unpaired electrons that are hungry to grab an electron from anything in their path – lipids, proteins, or even DNA! (You've likely heard of free radicals. Well, reactive oxidative species are a type of free radical).



Stable Molecule



*Free Radical
(Missing Electron)*

Some ROS basics

Internally, a **low level** of ROS is released from mitochondria as they make energy - an essential aspect of cellular communication, literally telling the cell what to do next.

However, if ROS increases beyond a certain threshold, they can indiscriminately grab electrons, causing uncontrolled oxidative damage (cell injury and cell death).

Externally, we are assaulted with unwanted free radicals from UV light, pollution, smoking, and radiation.

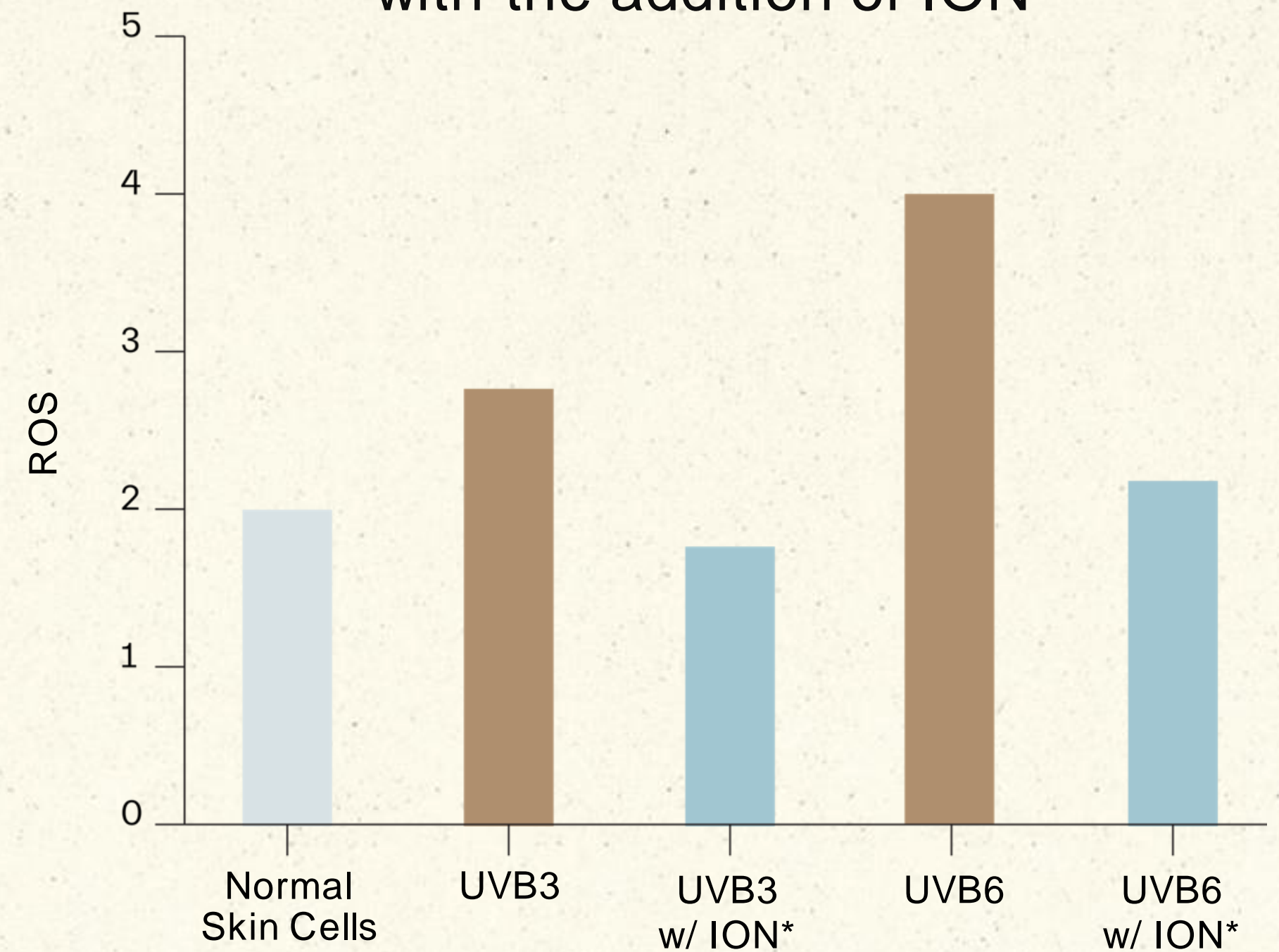


Balance your relationship with the sun

Whether these free radicals support or damage cells depends on a delicate balance between ROS production and ROS scavenger. The key is balance.

ION* Skin Support helps with that by stabilizing ROS production associated with UVB exposure.

Stabilized ROS production with the addition of ION*



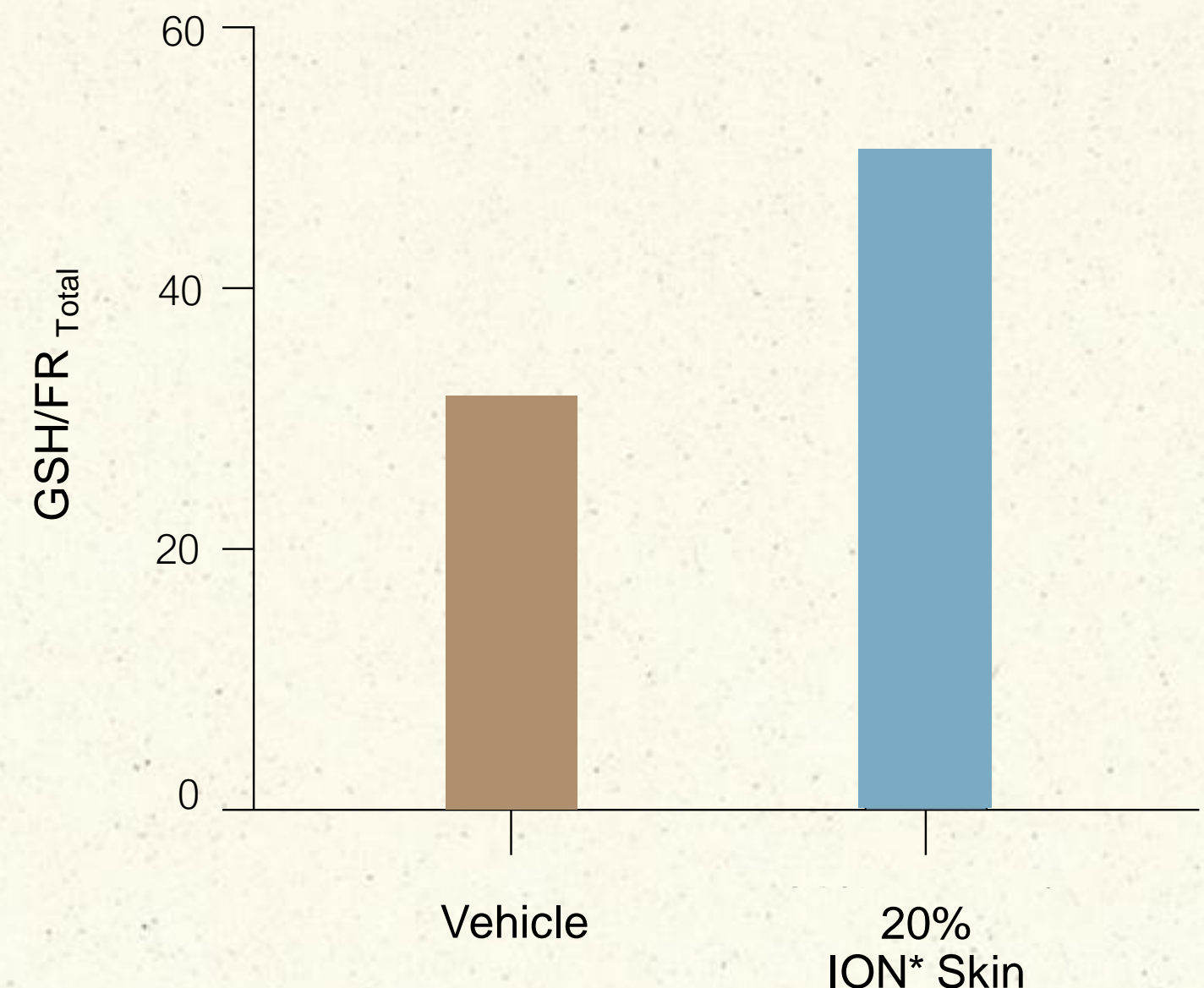
Beyond balance, antioxidants are key

Glutathione is a powerful antioxidant made by your body and found in almost every cell. It is critical to preventing damage and resultant disease caused by free radical damage.

Glutathione helps to:

- neutralize free radicals (ROS)
- boost immune function
- detoxify the body

Glutathione levels with
the addition of ION*



Derm Cam Study: Clinically Proven Results in 6 Weeks

This study involved 30 participants over 12 weeks. Clinically proven results were observed in just 6 weeks.

ION* Skin Support statistically improved 6 out of 10 evaluated skin parameters from baseline when assessed via VISIA Skin Analysis.

ION* Skin Support is clinically proven to improve:

- Spots
- Wrinkles
- Skin Texture
- UV pigmentation
- Sensitive areas
- Brown areas (pigmentation + discoloration on and beneath the skin's surface)





Reimagine your beauty regimen

The best way to ION*

From morning to night, at home and on the go, ION* Skin Support is a gentle mist that protects and replenishes skin when you need it the most. Mist ION* on face, neck, and chest before applying other products, allowing for maximum absorption. Use AM and PM or anytime your skin needs support.

- For All Skin Types
- Microbiome Friendly





Thank You.