

# ARE YOU TIRED OF SWEATING EASILY? DO YOU SWEAT WHEN YOU GET NERVOUS?

## Presenting Dibradax

Dibradax is taking the pharmaceutical industry by storm. It contains essential natural ingredients such as salt and caffeine. This revolutionary drug helps relieve those who are suffering from sweating easily whether it's due to their anxiety or other causative factors.

"Dibradax will be the number one drug in years to come. I take caffeine every day and it is an essential ingredient in Dibradax"

-Abdullah Youssouf, an affiliate in the Washington University Biology Department.

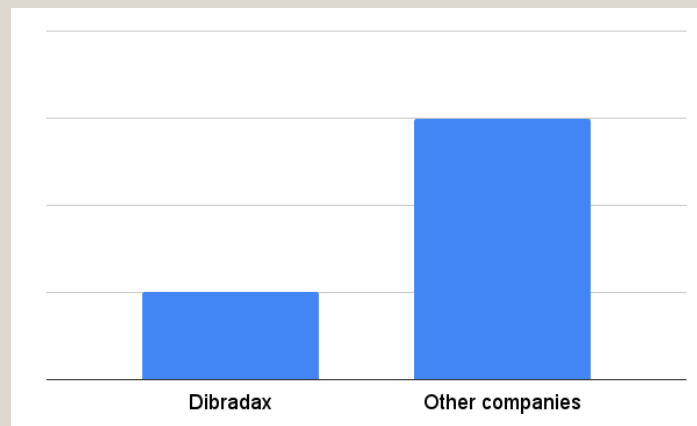


### Do you know that:

Sympathetic nerves in the brain release hormones such as acetylcholine and adrenaline that activate sweat glands. When your body gets too hot, the thermoregulatory center in the hypothalamus also sends signals to your sweat glands to make the body sweat and reach homeostasis.

Figure 2: Sweat secretion to the sweat glands from the brain in the neural pathway.

Based on the graph shown, Dibradax leads to less sweat production than the other leading brands. Since Dibradax contains caffeine and it acts as a diuretic, you will be excreting more liquid through the urine, because the ADH hormone is being inhibited and thus leads the kidneys to not reabsorb the water. As there's less liquid in your body, less sweat will be excreted through the epidermis.



### Do you know that:

When the eccrine sweat glands are stimulated, water is secreted to the skin's surface. A concentrated fatty sweat is secreted into a gland tube due to the apocrine sweat glands. This process of evaporation from the epidermis to cool off the body is known as perspiration. As skin temperature increases, perspiration will increase rapidly as a response.

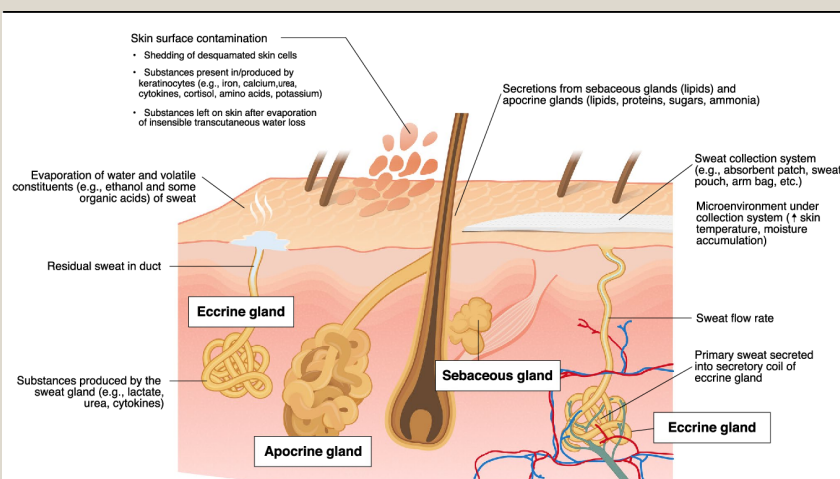


Figure 3: Physiological composition of sweat collected in the surface of the skin.

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