

# THE EXCRETORY SYSTEM

Video: [https://www.youtube.com/watch?v=2\\_7Q1xQ-NWU&t=210s](https://www.youtube.com/watch?v=2_7Q1xQ-NWU&t=210s)

<https://www.youtube.com/watch?v=yRZlwwL8lPo>

The DIGESTIVE SYSTEM expels the parts of food which our body does not need through the ANUS.

But, inside your body are many harmful chemicals. Many of them are made inside your body. The process of making energy also makes chemicals that your body cannot use.

The EXCRETORY SYSTEM removes this WASTE from our body and keeps our BLOOD CLEAN.

The **EXCRETORY SYSTEM** has got different organs that remove waste from our body:

- The **lungs** remove harmful gases (when our cells make energy, they produce **carbon dioxide**. Blood carries the carbon dioxide to our lungs and it is removed and when we exhale).
- The **kidneys** filter the blood and remove liquid waste (urea + unwanted water + minerals) from the body. This liquid is called **urine**.
- The **skin** removes dead cells, salt, and unused water from your body through **sweating**.

The **EXCRETORY SYSTEM or URINARY SYSTEM** has got 4 organs or parts:

1. The **kidneys** filter the blood and reabsorb useful nutrients.  
In the kidneys, waste substances and water form urine.
2. The **ureters** are tubes where urine travels to the bladder.
3. The **bladder** is a muscular bag that stores the urine.
4. When we go to the toilet, the urine leaves our body through a tube called the **urethra**.