

Sweat Collection for Sweat Osmolality Testing

About the Procedure

Your doctor has booked a Sweat Osmolality test for the following date and time:

At this date and time you must come to the Lab Administration Office on the Lower Level at the Red Deer Regional Hospital Centre. The test takes approximately one hour and an appointment must be made in advance.

Before the Procedure

You will need to bring your Personal Health Number (PHN). Make sure you drink lots of fluids (like water and juices) as you need to be hydrated. Dress warmly.

Lab Requisition

Ensure you bring the laboratory requisition provided by your doctor with you.

During the Procedure

Collection of sweat for sweat osmolality testing involves two steps:

1. Sweat stimulations: a small gel disc is placed on the skin. This gel is designed to make the skin sweat. A very small, very safe electric current is passed through the gel.
2. Sweat Collection: as you sweat the fluid will be collected in a small tube and examined in the lab.

Risks or Cautions

There is a 1 in 50,000 risk of a minor skin burn.

After the Procedure

If you need to follow special instructions they will be given before you leave.

Questions About Your Collection?

Please direct any questions to your physician prior to your appointment.

Contact your local laboratory for hours of service or visit MyHealth.Alberta.ca