

Pan-pathology

File name: IPS\_PathForm\_104 Patient Information - How to collect and store a urine sample for culture.docx  
Date of issue: 14/02/2018  
Author: Dr Paul Godwin  
Version: 1.0  
Authorised by: Suz Donald

## How should I collect and store a urine sample for culture?

You should:

- collect your urine sample in a completely clean (sterile) container
- store it in a fridge (in a sealed plastic bag) if you can't hand it in straight away

### Collecting a urine sample

Your doctor or another healthcare professional should give you a container and explain how you should collect the urine sample.

You can collect a urine sample at any time of day, unless your GP or practice nurse advises you otherwise.

The types of urine sample you might be asked for include a random specimen, first morning specimen or timed collection.

To collect a clean urine sample:

- label the container with your name, date of birth and the date
- wash your hands
- start to urinate, but don't collect the first part of urine that comes out
- collect a sample of urine "mid-stream" (see below) in a sterile screw-top container
- screw the lid of the container shut
- wash your hands thoroughly

If your doctor gives you any other instructions, different from those above, follow your doctor's advice.

### What is a mid-stream urine sample?

A mid-stream urine sample means that you don't collect the first or last part of urine that comes out. This reduces the risk of the sample being contaminated with bacteria from:

- your hands
- the skin around the urethra (tube that carries urine out of the body)

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## Storing a urine sample until you hand it in

If you can't hand your urine sample in within an hour, you should keep it in the fridge at around 4°C (39F) for no longer than 24 hours. Put the container of urine in a sealed plastic bag first. If the urine sample isn't kept in a fridge, the bacteria in it can multiply. If this happens, it could affect the test results.

## What are urine samples used for?

Your GP or another healthcare professional may ask for a urine sample to help them diagnose or rule out health conditions. Urine contains waste products that are filtered out of the body. If it contains anything unusual, this may indicate an underlying health problem.

Adapted from [NHS Choices Website](#)