

How to measure radiation with your mobile phone

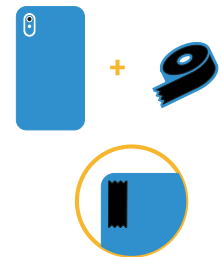
1 CHOOSE AN APP

Prefer apps that have been recently updated and are recommended by recognised authorities.



2 PREPARE YOUR PHONE

Fully cover the camera with a black, thick adhesive tape.



3 SET UP THE APP

Follow manufacturer instructions. Select the correct conversion factor for counts to dose rate, specific for your mobile phone model.



4 MEASURE

Preferably, place the mobile phone in a black container (box, bag...) when measuring. Measure for **at least 20 minutes**. When possible, take several measurements with the mobile phone in the same position.



5 LOG THE DATA

Register as many parameters as allowed by the app (dose rate, geolocation, time and duration of the measurement, temperature, etc.).



6 SHARE THE DATA

You can choose to **share these data** with family and friends, public authorities, and/or crowdsourcing radiation maps.



7 REMEMBER

You are not using a professional tool. **These measurements can complement, but do not substitute, those made by authorities.** In case of an accident, follow official radiation protection instructions.

