Weigh 50g solid sample and add 450mL Buffered Sodium Chloride Peptone Solution to the sample. It is recommended to use a stomacher bag with filter to eliminate risks of carry over of tiny pieces of foodstuffs into the surface of the medium.

Homogenize this mixed sample by a blender
Open aluminum bag, and take out a set of 4 plates.
Take off the cap of the plate

Write the appropriate information on the memorandum section.
Pipette 1ml of homogenized specimen (to be further diluted if necessary) in the middle of dry sheet of Compact Dry X-SA.

Specimen diffuses automatically and evenly into all over the sheet (total medium of 20 cm²) to transform it into gel within seconds.
Inoculate 1 ml of wiping solution (to be diluted if necessary), which is obtained from cotton swab,

Viable count in swab test sample
Turn over the plate capped
put in an incubator.
Incubate for 24 + 2 hours at 37+ 1 °C.
Staphylococcus aureus forms light blue/blue colonies of 1~2 mm in diameter.

Detection limit of Compact Dry X-SA is between 1 – 300 cfu/plate.

From backside of the plate, count the number of colored colonies appeared in the medium. White paper placed under the plate can help to count colonies easier.