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Sample preparation

philippe.bechtold [1]

[1]ETHZ - ETH Zurich

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STEPS MATERIALS

NAME	CATALOG #	VENDOR
Sodium citrate		P212121
Glycogen	AM9510	Thermo Scientific
TCEP-HCl	TCEP	Gold Biotechnology
Guanidine Thiocyanate	BP221	Fisher Scientific

Sample Preparation

1 Take the swab (NP or OP)

2

Insert swab into Tube H with lysis buffer (**500 µl** , consisiting of

2 Molarity (M)

Guanidine Thiocyanate
by Fisher Scientific
Catalog #: BP221

50 Milimolar (mM)

TCEP-HCl
by Gold Biotechnology
Catalog #: TCEP

25 Milimolar (mM)

Sodium citrate
by P212121
View

0.02 µg/µl

Glycogen
by Thermo Scientific
Catalog #: AM9510

and
pH **8** - pH **9**
)

00:00:30 violent shaking

00:04:30 Incubation

3 Dispose swab and add **400 µl EtOH** and **10 µl Magnetic beads**

4 Discard supernatant after pulling the particles to the side

Washing 1

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5 Add **400 µl EtOH** , resuspend

6 Discard supernatant after pulling the particles to the side

Washing 2

7 Add **400 µl EtOH** , resuspend

8 Discard supernatant after pulling the particles to the side

Elution

9 Add **40 µl RNAse free water** , resuspend

10 Pull the particles to the side and take supernatant to load the chip as described

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