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## Sample preparation

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In Development

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40680

STEPS MATERIALS

NAME	CATALOG #	VENDOR
<a href="#">Sodium citrate</a>		P212121
<a href="#">Glycogen</a>	AM9510	Thermo Scientific
<a href="#">TCEP-HCl</a>	TCEP	Gold Biotechnology
<a href="#">Guanidine Thiocyanate</a>	BP221	Fisher Scientific

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### Sample Preparation

- 1 Take the swab (NP or OP)

2

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

**[M]2 Molarity (M)**



**Guanidine Thiocyanate**

by Fisher Scientific

Catalog #: BP221

**[M]50 Milimolar (mM)**



**TCEP-HCl**

by Gold Biotechnology

Catalog #: TCEP

**[M]25 Milimolar (mM)**



**Sodium citrate**

by P212121

[View](#)

**[M]0.02 µg/µl**



**Glycogen**

by Thermo Scientific

Catalog #: AM9510

and

 **pH8** -  **pH9**

)

 **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

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