

Qubit Flex
Fluorometer

Qubit™ Flex Fluorometer

Quick Reference

Cat. No. Q33327 | Pub. Part No. 100086216 | Pub. No. MAN0018187 | Rev. A.0

Gather Your Materials



**Single Channel
Pipette** (1-20 µL)



**Multichannel
Pipette** (200 µL)



**Qubit
Assay**



**Qubit Flex
Tube Strips**



**Qubit Flex
Reservoir** (10 mL)

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Manufacturer:

000 «Диаэм»

Москва
ул. Магаданская, д. 7, к. 3 ■ тел./факс: (495) 745-0508 ■ sales@dia-m.ru

www.dia-m.ru

С.-Петербург
+7 (812) 372-6040
spb@dia-m.ru

Новосибирск
+7(383) 328-0048
nsk@dia-m.ru

Воронеж
+7 (473) 232-4412
vrn@dia-m.ru

Йошкар-Ола
+7 (927) 880-3676
nba@dia-m.ru

Красноярск
+7(923) 303-0152
krsk@dia-m.ru

Казань
+7(843) 210-2080
kazan@dia-m.ru

Ростов-на-Дону
+7 (863) 303-5500
rnd@dia-m.ru

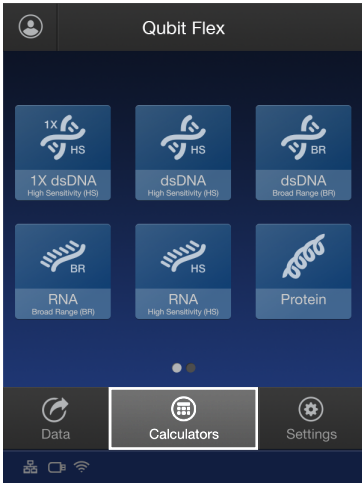
Екатеринбург
+7 (912) 658-7606
ekb@dia-m.ru

Кемерово
+7 (923) 158-6753
kemeroovo@dia-m.ru

Армения
+7 (094) 01-0173
armenia@dia-m.ru

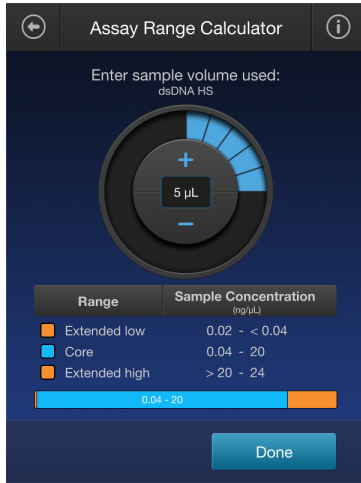


1 Before You Begin



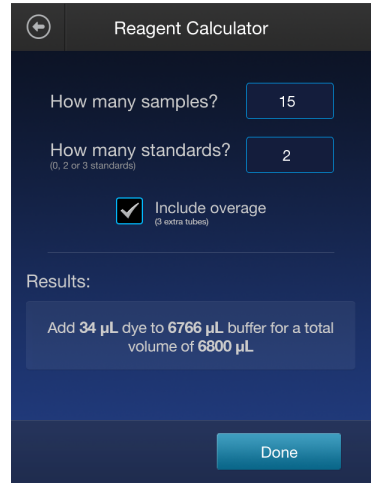
Select **Calculators** from the Qubit Flex home screen.

These two calculators will help you prepare your assays.



Use the **Assay Range Calculator** to show how the assay range changes based on the sample volume used (1-20 µL). Tap **i** to view range details.

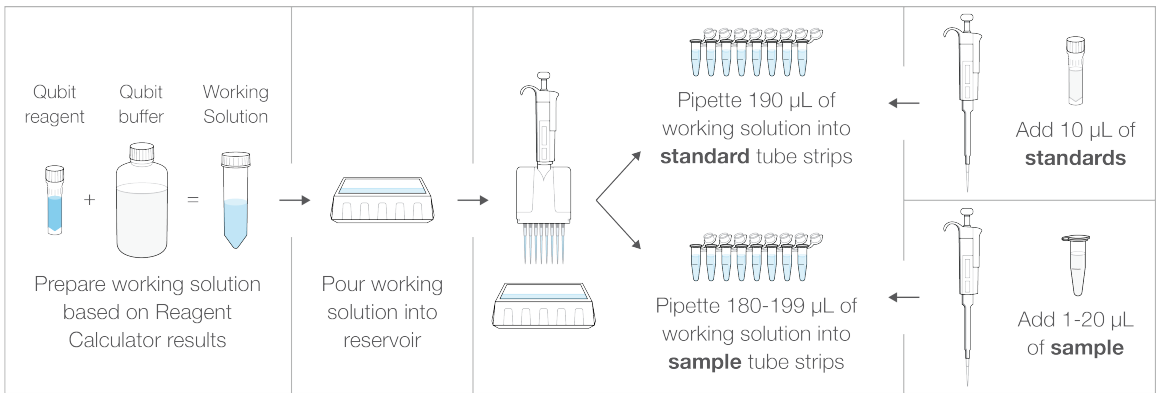
Core range = High accuracy
Extended range = Moderate accuracy



Use the **Reagent Calculator** to determine the amount of working solution to prepare.

One sample = One tube of the tube strip
One standard = All 8 tubes of the tube strip
Overage = 3 extra tubes

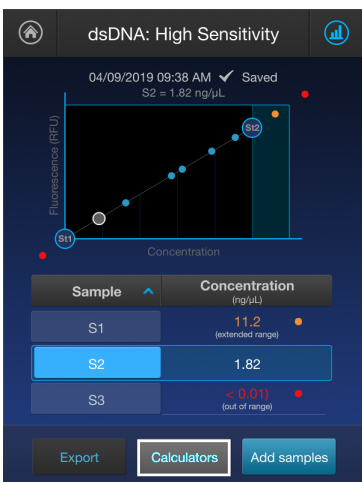
2 Prepare the Assay



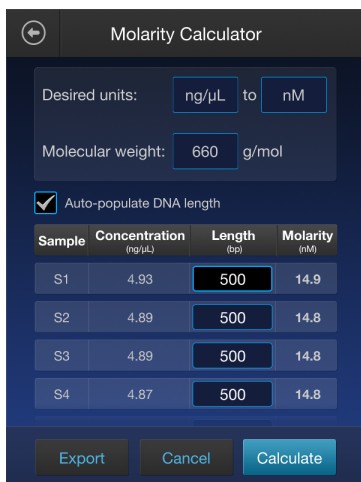
Vortex all tubes for 2-3 seconds, check for bubbles, then incubate for 2 minutes (15 minutes for protein) at room temperature

3 Read Standards & Run Samples

4 Analyze the Results



Open circles on graph = Standards
Blue = Samples in core range
Orange = Samples in extended range
Red = Samples outside of range



Use the **Molarity Calculator** to convert values to molarity based on nucleic acid length.

Sample	Add sample (µL)	Add buffer (µL)
S1	2.3	7.7
S2	2.2	7.8
S3	2.3	7.7
S4	2.2	7.8
S5	2.2	7.8
S6	2.3	7.7
S7	2.2	7.8
S8	2.3	7.7

Use the **Normalization Calculator** to determine how to dilute the samples to the same concentration.