

Synthesis Report

Tracer : FDG Duo c (1.0.0.1)
Customer batch number :
Date : 05 Apr 2023
Operator : Administrator (Administrator)
Cassette test sequence : GE_duoFDGc_PETCS003FL
GUID: 5009A3BE-3871-4BD4-8437-70807D88A1E9
Synthesis sequence : GE_duoFDGc_LTV_PETCS020FL_A
GUID: 66A8D26B-6218-4E40-83AB-948318BD6D65
Synthesizer ID : Module FL2-0288
Software version : 3.3.0.14 - PLC: 7.75

Workflow ID: : 792-1
Calibration report number : Id n°1033 FDG Duo c (1.0.0.1) 22 Jun 2021
12:48:05
Cassette expiry date : 01 Jul 2023
Cassette reference : 030004062307231052

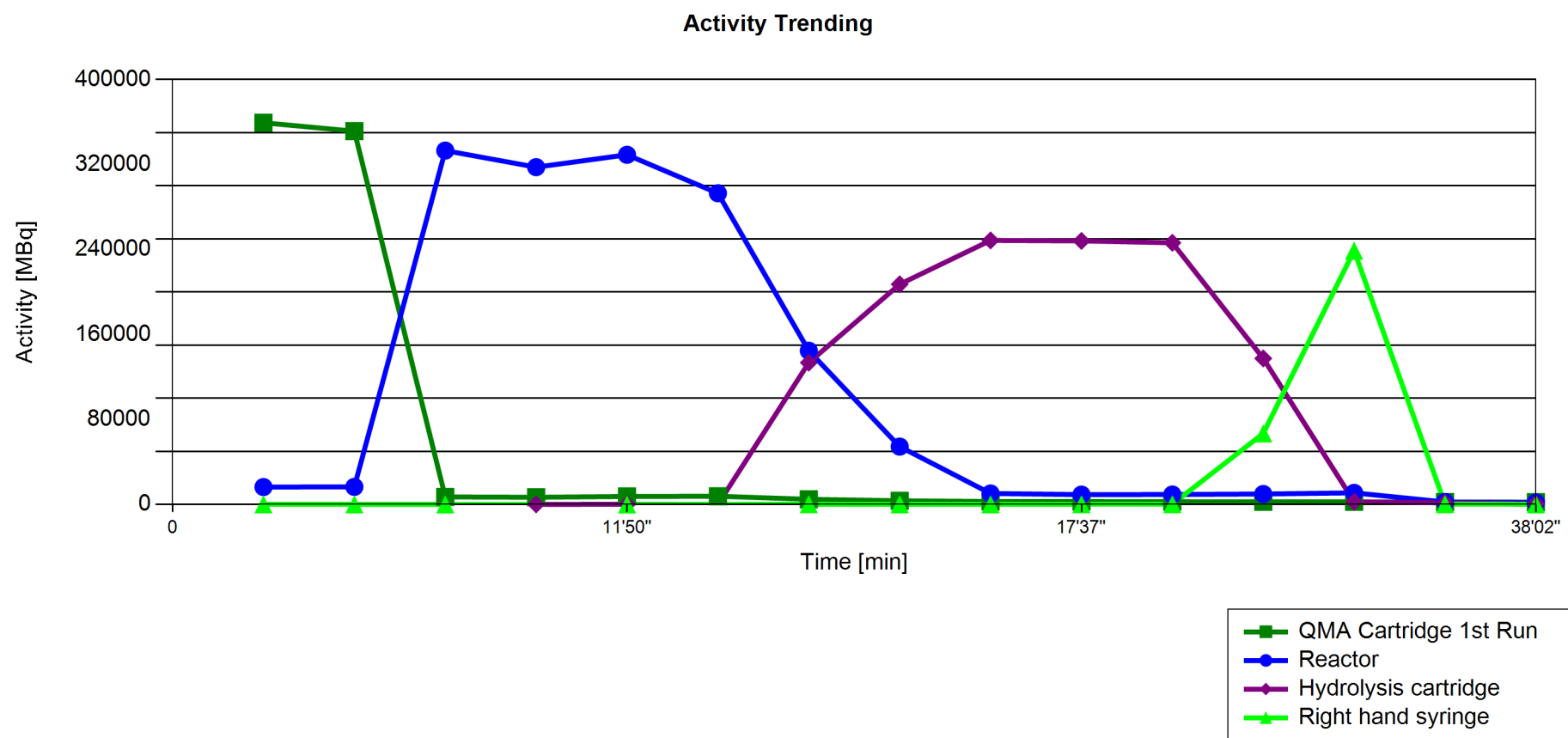
Process report

Synthesizer test : Successful.
Cassette test : Successful.
Synthesis : Successful.
Pause : Not Used.
Manual Mode : Not Used.
Cassette rinsing : Please refer to rinsing report 792.

The values of radioactivity detectors are only indicative.

Yield summary

Time at reagent connection : 05 Apr 2023 08:22:32
Time at start of synthesis : 05 Apr 2023 09:13:26
Time at end of synthesis : 05 Apr 2023 09:35:43
Synthesis duration : 22 min. 17 s.
Target volume : 5.0 ml
Starting activity : 351415 MBq
Tracer activity : 238971 MBq
at end of synthesis
Tracer activity : N/A
at end of transfer
Volume of tracer : 22 ml
Concentration : 10862 MBq/ml
end of synthesis
Estimated yield : 68 %
at end of synthesis
Estimated yield : 78 %
decay corrected



Trending

Measurements Performed	Time from start	QMA Cartridge 1st Run [MBq]	Reactor [MBq]	Hydrolysis cartridge [MBq]	Right hand syringe [MBq]	Heater reactor [°C]
FDG run1 - Start of Synthesis	00'02"	359334	16307	-1	53	23
FDG run1 - 18F trapped on QMA	00'52"	351415	16479	-1	53	23
FDG run1 - 18F eluted from QMA to reactor	06'55"	7020	333139	-1	0	120
FDG run1 - 18F dried	11'30"	6695	317521	0	-1	125
FDG run1 - Start of labelling	11'50"	7445	329173	82	0	125
FDG run1 - End of labelling	13'52"	7644	292962	-1	-1	125
FDG run1 - First trapping on tC18	15'07"	4771	144670	133442	159	106
FDG run1 - Second trapping on tC18	15'56"	3372	54365	207263	133	98
FDG run1 - Third trapping on tC18	16'52"	2673	10247	248543	79	91
FDG run1 - tC18 cartridge washed	17'37"	2673	9188	248051	186	88
FDG run1 - Start of basic hydrolysis	18'06"	2548	9286	246327	213	86
FDG run1 - End of basic hydrolysis	20'26"	2373	9779	137423	66781	76
FDG run1 - FDG transferred to Syringe S3	22'17"	2373	10838	2421	238971	70
FDG run1 - Transferred to Product collection vial	28'16"	2223	2241	1477	266	56
Cassette cleaning	38'02"	2073	1773	615	133	42

The values of radioactivity detectors are only indicative.

Log

Severity	Event Time	Message
Information	05 Apr 2023 05:47:54	Cassette RFID tag successfully read. (#1173)
Information	05 Apr 2023 09:53:36	Synthesis succeeded #1

Operator Comment

Operator signature :

Responsible signature :