

Synthesis Report

Tracer : FDG Citr (1.2.0.3)
Customer batch number : 155F1B100423
Date (TimeZone) : 10 Apr 2023 (Russia TZ 2 Standard Time)
Operator : Administrator (Administrator)
Cassette test sequence : GE_FDGC_PETCS01FL
GUID: 065DBF83-B3EF-4B20-8C85-6E81FB4B63A9
Synthesis sequence : GE_FDGC_22ml_LTV400_PETCS021FLr_b2
GUID: 5B58D3AF-C847-4168-A196-51D8FD248FF3
Synthesizer ID : Module FL2-0105
Software version : 3.4.2.2 - PLC: 7.81

Workflow ID : 955-1
Calibration report number : Id n°32 FDG Citr 13 Jan 2023 14:49:22
Cassette expiry date : 01 Nov 2023
Cassette reference : 030004156411235327

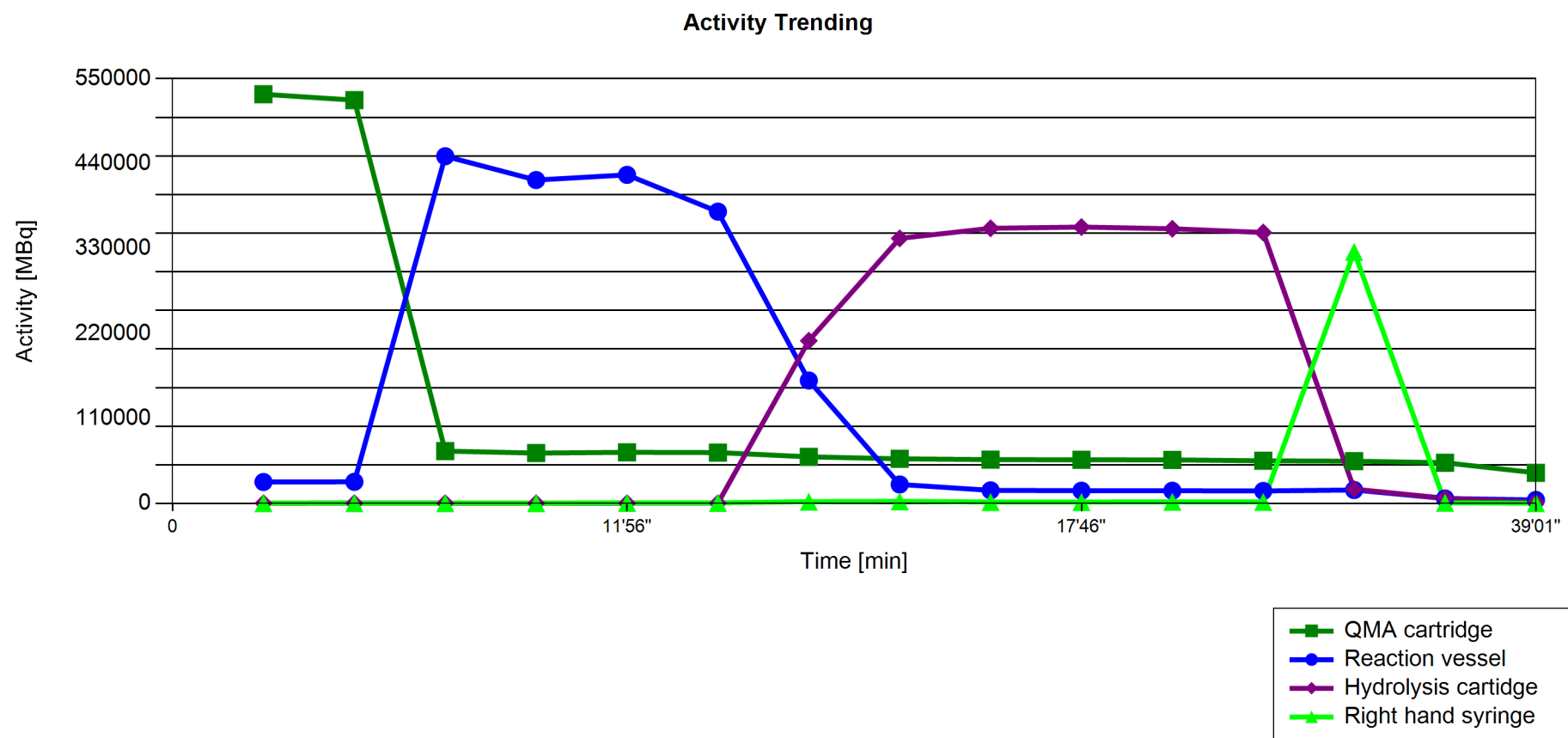
Process report

Synthesizer test : Successful.
Cassette test : Successful.
Synthesis : Successful.
Pause : Not Used.
Manual Mode : Not Used.
Cassette rinsing : Enabled

The values of radioactivity detectors are only indicative.

Yield summary

Time at reagent connection : 10 Apr 2023 11:48:55
Time at start of synthesis : 10 Apr 2023 12:03:59
Time at end of synthesis : 10 Apr 2023 12:26:26
Synthesis duration : 22 min. 27 s.
Target volume : 5.0 ml
Starting activity : 522253 MBq
Tracer activity at end of synthesis : 325937 MBq
Tracer activity at end of transfer : N/A
Volume of tracer : 22 ml
Concentration end of synthesis : 14815 MBq/ml
Estimated yield at end of synthesis : 62 %
Estimated yield decay corrected : 72 %



Trending

Measurements Performed	Time from start	QMA cartridge [MBq]	Reaction vessel [MBq]	Hydrolysis cartridge [MBq]	Right hand syringe [MBq]	Heater reactor [°C]
Start of Synthesis	00'02"	529837	27878	353	399	23
18F trapped on QMA	00'50"	522253	28099	441	508	23
18F eluted from QMA to reactor	06'55"	67845	449622	397	471	120
18F dried	11'29"	65285	418815	264	399	125
Start of labeling	11'56"	66265	425529	397	907	125
End of labeling	13'40"	65949	377923	441	871	124
First trapping on tC18	15'08"	60419	159231	210727	2468	105
Second trapping on tC18	15'57"	57828	24673	343266	2831	98
Third trapping on tC18	16'54"	56880	17047	356334	1960	92
tC18 cartridge washed	17'46"	56595	16605	357924	1923	88
Start of basic hydrolysis	18'16"	56500	16550	355760	2214	86
End of basic hydrolysis	20'22"	55300	16274	350904	2032	77
FDG transferred to Syringe S3	22'27"	54794	17489	18631	325937	71
Tracer transferred to Product collection vial	28'47"	52772	6465	6843	1016	56
Cassette rinsing	39'01"	39752	4586	1677	435	90

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Log

Severity	Event Time	Message
Information	10 Apr 2023 01:13:05	Production started by user "Administrator (Administrator)" from PC "LT16-132" with IP address "10.3.17.1". (#2534)
Information	10 Apr 2023 01:13:57	Cassette RFID tag successfully read. (#1173)
Information	10 Apr 2023 12:57:45	Synthesis succeeded. (#8)

Operator Comment

Operator signature :

Responsible signature :