



CATALOG

2018

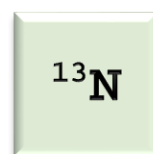
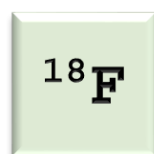
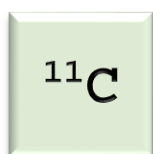
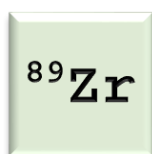
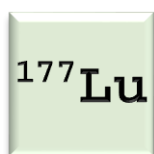
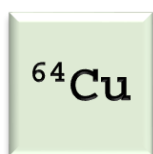
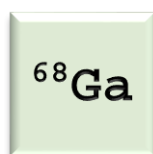


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Zinc-68 target solution

01.002

01.002.100	Zinc target solution 33mg/ml (30 ml)	(up to 5 GBq of ⁶⁸ Ga@EOB)
01.002.200	Zinc target solution 66mg/ml (30 ml)	(up to 10 GBq of ⁶⁸ Ga@EOB)
01.002.300	Zinc target solution 100mg/ml (30 ml)	(up to 15 GBq of ⁶⁸ Ga@EOB)
01.002.400	Zinc target solution 133mg/ml (30 ml)	(up to 20 GBq of ⁶⁸ Ga@EOB)

99.5% Enrichment





Ga-generator elution kit

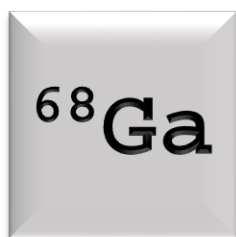
02.001

The present kit is manufactured for the use in the elution of ^{68}Ga from generator using the Synthera® Extension automated module.

The Kit consists of interconnected silicone tubes with a syringe.

To be used with the designed cassette support, product No. 03.001 – Cassette support for Ga-generator elution kit.

Compatible with all Gallium-68 generators.





Cyclotron Ga-liquid target purification kit

02.002

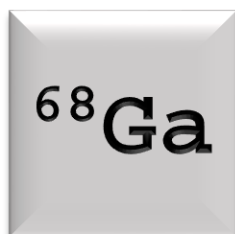
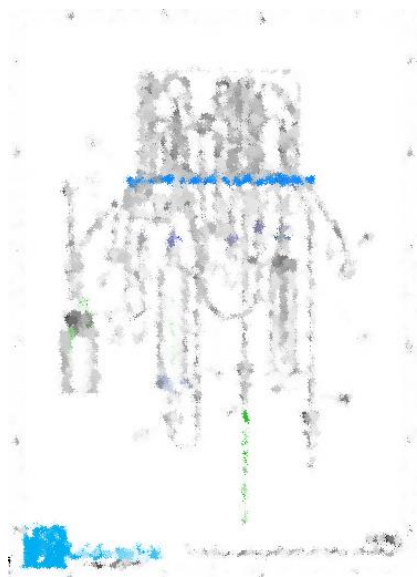
The present kit is manufactured for the use in the purification of ^{68}Ga produced on cyclotron in a liquid target system using the Synthera[®] Extension automated module.

The Kit consists of interconnected silicone tubes with a syringe.

To be used with the designed cassette support, product No. 03.002 – Cassette support for Cyclotron Ga-liquid target purification kit.

PERFORMANCES

Typical purification yield:	$75 \pm 10\%$ dc
Production time:	35 min
Final volume:	4.5 ± 0.5 mL of HCl 0.25M 9.5 ± 0.5 mL of HCl 0.1M
Specific activity of:	$0.3 - 24$ TBq. μg^{-1} ($^{68}\text{Ga}/\text{Ga}$)
Typical chemical purity:	Zinc $< 10\mu\text{g}.\text{GBq}^{-1}$ at end of shelf-life Iron $< 10\mu\text{g}.\text{GBq}^{-1}$ at end of shelf-life





NaF Extension kit

02.010

The present kit is manufactured for the use in the production of ^{18}F -Sodium Fluoride using the Synthera[®] Extension automated module.

The Kit consists of interconnected silicone tubes with a syringe.

To be used with the designed cassette support, product No. 03.010 – Cassette support for NaF Extension kit.

PERFORMANCES

Typical production yield:	>95% ndc
Production time:	10 min
Final volume:	10 ± 0.5 mL





FCH alkylation Extension kit

02.011

The present kit is manufactured for the use in 2nd part (alkylation) of the production of ¹⁸F-FCH using the Synthera® Extension automated module.

The Kit consists of interconnected silicone tubes with a syringe.

To be used with the designed cassette support, product No. 03.011 – Cassette support for FCH alkylation Extension kit.

PERFORMANCES

Typical production yield: numbers will be ready soon.

Production time: 10 min

Final volume: 10 ± 0.5 mL





NH₃ Extension kit

02.020

The present kit is manufactured for the use in the production of ¹³N-ammonia using the Synthera® Extension automated module.

The Kit consists of interconnected silicone tubes with a syringe.

To be used with the designed cassette support, product No. 03.020 – Cassette support for NH₃ Extension kit.

PERFORMANCES

Typical production yield: >99% ndc





Cyclotron Cu-liquid target purification kit

02.030

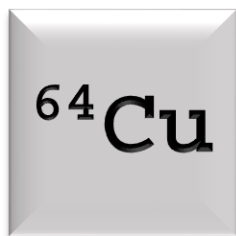
The present kit is manufactured for the use in the purification of ^{64}Cu produced on cyclotron in a liquid target system using the Synthera® Extension automated module.

The Kit consists of interconnected silicone tubes with a syringe.

To be used with the designed cassette support, product No. 03.030 – Cassette support for Cyclotron Cu-liquid target purification kit.

PERFORMANCES

Typical purification yield:	>80 % ndc
Production time:	60 min
Final volume	2 ± 0.5 mL
Specific activity:	$5.0 - 122.8$ TBq. μg^{-1} ($^{64}\text{Cu}/\text{Cu}$)
Typical chemical purity::	Nickel < 150 ppb





Cu-ATSM labelling kit

02.031

The present kit is manufactured for the use in the synthesis of ^{64}Cu -ATSM using the Synthera® Extension automated module.

The Kit consists of interconnected silicone tubes with a syringe.

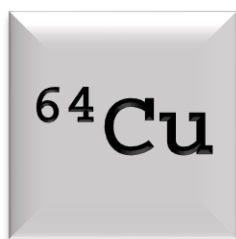
To be used with the designed cassette support, product No. 03.031 – Cassette support for ^{64}Cu -ATSM

PERFORMANCES

Typical purification yield: >95 % ndc

Production time: 15 min

Final volume: 10 ± 0.5 mL





64Cu-SolidTarget Extension kit

02.03x

The present kit is manufactured for the use in the dissolution and purification of ^{64}Cu using the Synthera® Extension automated module.

The Kit consists of interconnected silicone tubes with a syringe.

02.032 64Cu-SolidTarget-Dissolution with Synthera® Extension Tubing Kit

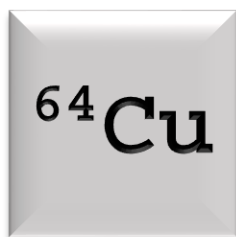
(54G1B20003.00 64CU SOLIDTARGET DISSOLUTION TUBING)

02.033 64Cu-SolidTarget-Purification with Synthera® Extension Tubing Kit

(54G1B20004.00 64CU SOLIDTARGET PURIFICATION TUBING)

IN COLABORATION WITH COMECER.

To be used with the designed cassettes support, products No. 03.032 and 03.033





89Zr-SolidTarget Extension kit

02.03x

The present kit is manufactured for the use in the dissolution and purification of ^{89}Zr using the Synthera[®] Extension automated module.

The Kit consists of interconnected silicone tubes with a syringe.

02.042 89Zr-SolidTarget-Dissolution with Synthera[®] Extension Tubing Kit

(54G1B20005.00 89ZR SOLID TARGET DISSOLUTION TUBING)

02.043 89Zr-SolidTarget-Purification with Synthera[®] Extension Tubing Kit

(54G1B20006.00 89ZR SOLID TARGET PURIFICATION TUBING)

IN COLABORATION WITH COMECER.

To be used with the designed cassettes support, products No. 03.042 and 03.043





C11 Reformulation kit

02.050

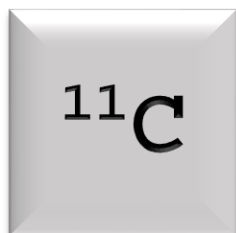
The present kit is manufactured for the use in the reformulation of ^{11}C -labelled compounds using the Synthera® Extension automated module.

The Kit consists of interconnected silicone tubes with a syringe.

To be used with the designed cassette support, product No. 03.050 – Cassette support for C11 reformulation kit.

PERFORMANCES

Typical production yield:	>95% ndc
Production time	<10 min
Final volume	10 ± 0.5 mL





11C-MET production kit

02.051

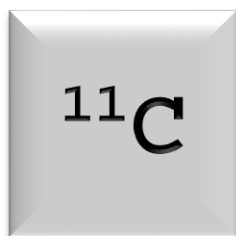
The present kit is manufactured for the use in the Synthesis of ^{11}C -methionine using the Synthera® Extension automated module.

The Kit consists of interconnected silicone tubes with a syringe.

To be used with the designed cassette support, product No. 03.051 – Cassette support for C11 MET production kit.

PERFORMANCES

Typical production yield:	>75% ndc
Production time	<10 min
Final volume	10 ± 0.5 mL





Lu-peptide labelling kit

02.060

The present kit is manufactured for the use in the synthesis of ^{177}Lu -peptide using the Synthera® Extension automated module.

The Kit consists of interconnected silicone tubes with a syringe.

To be used with the designed cassette support, product No. 03.060 – Cassette support for ^{177}Lu

PERFORMANCES

Typical purification yield: >95 % ndc

Production time 20 min

Final volume 10 ± 0.5 mL





For more
detailed information
contact to

info@fluidomica.pt