

Cyclotron-Radiochemistry Service

<u>Isotope/half-life/nuclear reaction</u>		
¹⁵ O	2.04 min.	¹⁴ N(d,n) ¹⁵ O
¹³ N	9.97 min.	¹⁶ O(p,α) ¹³ N
¹¹ C	20.39 min.	¹⁴ N(p,α) ¹¹ C
¹⁸ F	109.7 min.	¹⁸ O(p,n) ¹⁸ F
⁸⁶ Y	14.74 hrs	⁸⁶ Sr(p,n) ⁸⁶ Y
¹²⁴ I	4.18 days	¹²⁴ Te(p,n) ¹²⁴ I

<u>Radiopharmaceutical</u>
¹⁸ FACBC
¹⁸ FEAU
¹⁸ FMISO
¹⁸ FHBG
¹⁸ FLT
¹⁸ FES
¹⁸ FIAU
¹⁸ FDHT
¹²⁴ I-MIBG
¹²⁴ I-IUDR
¹²⁴ I-FIAU
¹²⁴ I-IAZGP
¹¹ C-Methionine
¹¹ C-Acetate

<u>Radiolabelled Antibody</u>
¹³¹ I-8H9
¹³¹ I-3F8
¹²⁴ I-huA33
²²⁵ Ac-HuM195
²¹³ Bi-HuM195
¹²⁴ I-cG250
⁹⁰ Y-3S193
¹¹¹ In - 3S193
¹¹¹ In-DOT-MoRab-003
¹¹¹ In-J591
¹⁷⁷ Lu-J591
¹⁷⁷ Lu-CYT500
¹¹¹ In-MoRab
¹²⁴ I-Oral
¹¹¹ In-cG250
⁹⁰ Y-cG250