Isótopos PET y P-PET naturales del cuerpo humano				
Tipo	Isotope β^+	Nuclear reaction channels	E. Threshold (MeV)	Half-life
PET	^{11}C	^{12}C(p,pn)^{11}C	17.88	20.33 min
		^{14}N(p,2p2n)^{11}C	31.32	
		^{16}O(p,3p3n)^{11}C	23.58	
PET	^{13}N	^{14}N(p,pn)^{13}N	8.9	9.96 min
		^{16}O(p,2p2n)^{13}N	5.54	
PET	^{14}O	^{16}O(p,p2n)^{14}O	21.69	70.61 s
PET	^{15}O	^{16}O(p,pn)^{15}O	14.28	122.24 s
PET	^{30}P	^{31}P(p,pn)^{30}P	10.41	2.50 min
PET	^{38g}K	^{40}Ca(p,^{3}He)^{38g}K	14.039	7.6 min
		^{40}Ca(p,pd)^{38g}K	19.664	
		^{40}Ca(p,n2p)^{38g}K	21.945	
PET	^{44}Sc	^{44}Ca(p,n)^{44}Sc	4.54	3.97 h
P-PET	^{10}C	^{12}C(p,p2n)^{10}C	25.32	19.29 s
		^{16}O(p,3p4n)^{10}C	29.82	
P-PET	^{12}N	^{12}C(p,n)^{12}N	19.641	11.00 ms
P-PET	^{29}P	^{31}P(p,^{3}He) ^{29}P	15.641	4.142 s
P-PET	^{31}S	^{31}P(p,n)^{31}P	19.860	2.5534 s
P-PET	^{37}K	^{40}Ca(p,α)^{37}K	5.312	1.22 s
P-PET	^{38m}K	^{40}Ca(p,^{3}He)^{38m}K	14.039	925 ms
		^{40}Ca(p,pd)^{38m}K	19.664	
		^{40}Ca(p,n2p)^{38m}K	21.945	

Tabla 1: —

PG naturales del cuerpo humano				
Tipo	Rayo γ	Nuclear reaction channels	Targets	Half-life
PG	1.635	^{14}N(p,2p2n)^{14}N*	^{14}N	4.8 fs
PG	2.312	^{14}N(p,2p2n)^{14}N*	^{14}N	68 fs
PG	4.438	^{12}C(p,p')^{12}C*	^{12}C, ^{16}O	
		^{16}O(p,X)^{12}C*	^{16}O	
PG	6.13	^{16}O(p,p')^{16}O*	^{16}O	18.4 ps

Tabla 2: —

Isótopos β^+ del Zinc Natural				
Tipo	Isótopo β^+	Nuclear reaction channels	Energía Umbral (MeV)	Half-life
PET	^{64}Ga	^{64}Zn(p,n)^{64}Ga	8.078	156 s
PET	^{65}Ga	^{66}Zn(p,2n)^{65}Ga	15.326	15.2 min
PET	^{66}Ga	^{66}Zn(p,n)^{66}Ga	6.048	9.5 h
		^{67}Zn(p,2n)^{66}Ga	13.206	
PET	^{67}Ga	^{67}Zn(p,n)^{67}Ga	1.81	3.2 d
		^{68}Zn(p,2n)^{67}Ga	12.159	
PET	^{68}Ga	^{68}Zn(p,n)^{68}Ga	3.758	67 min

Tabla 3: —

Isótopos β^+ del ^{127}Iodo				
Tipo	Isótopo β^+	Nuclear reaction channels	Energía Umbral (MeV)	Half-life
PET	^{127}Xe	^{127}I(p,n)^{127}Xe	1.456	124.8 min
PET	^{125}Xe	^{127}I(p,3n)^{125}Xe	18.864	101 min
PET	^{123}Xe	^{127}I(p,5n)^{123}Xe	37.095	36.46 d

Tabla 4: —

Isótopos β^+ del ^{18}O				
Tipo	Isótopo β^+	Nuclear reaction channels	Energía Umbral (MeV)	Half-life
PET	^{18}F	^{18}O(p,n)^{18}F	2.574	109.77 min

Tabla 5: —

Isótopo	Isótopo Hijo	Q (keV)	$T_{1/2}$ (s)	Positrones (keV)			Gammas (keV)	
				E. Media	E. Máxima		Energía	
^{10}C	^{10}B	3648	19.29	814.26	1907.6	98.500 %	511	199.92 %
							718.353	100 %
^{11}C	^{11}N	1221	1982.4	385.7	960.4	96.7669 %	511	199.534 %
^{13}N	^{13}C	2220.49	598	491.82	1198.5	99.8036 %	511	199.607 %
^{14}O	^{14}N	5143	70.606	770.55	1808.24	99.249 %	511	199.76 %
							2312.593	99.380 %
^{15}O	^{15}N	2754	122.24	735.28	1732	99.9 %	511	199.8 %
^{38}K	^{38}Ar	5913.86	458	1212.08	2727.4	99.33 %	511	199.07 %
				398.78	955.9	0.133 %	2167.5	99.858 %
^{30}P	^{10}Si	4232.4	150	1441.13	3210.4	99.803 %	511	199.710 %
^{44}Sc	^{44}Ca	3652	3.97 h	632.0	1473.5	94.27 %	511	188.54 %
							1157.020	99.9 %

Tabla 6: —