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ภาคผนวก

แสดงความจำเพาะของแอนติบอดีต่อ TSH, T_4 , T_3 และ fT_4

ก TSH

ข T_4

ค T_3

ง fT_4

ก แสดงความจำเพาะของแอนติบอดีต่อ TSH ที่ศึกษา และสารอื่น ๆ ที่นำมาตรวจสอบ

สารที่ใช้ทดสอบ	% Cross reactivity
TSH	100
LH	1-0
FSH	<0.1
hCG	<0.1

ข แสดงความจำเพาะของแอนติบอดีต่อ T_4 ที่ศึกษาและสารอื่น ๆ ที่นำมาตรวจสอบ

สารที่ใช้ทดสอบ	% Cross reactivity
L- T_4	100
D- T_4	100
Tetraiodothyroacetic acid	7.1
Triiodo-L-thyronine	4.0
Triiodo-D-tyronine	9.7
Diiodo-L-tyrosine	0.058
Monoiodotyrosine	0.36
Methimazole	0.42
5,5-diphenylhydantoin	0.051
Phenylbutazone	0.059
6-n-Propyl-2-thiouracil	0.42
Triiodothyroacetic acid	0.62

ค แสดงความจำเพาะของแอนติบอดีต่อ T_3 ที่ศึกษาและสารอื่น ๆ ที่นำมาตรวจสอบ

สารที่ใช้ทดสอบ	% Cross reactivity
Triiodo-L-thyronine (T_3)	100
L- T_4	0.086
D- T_4	0.92
Tetraiodothyroacetic acid	0.55
Monoiodotyrosine	0.02
3,5-Diiodo-L-tyrosine	0.03
5,5'-Diphenylhydantoin	0.02
Phenylbutazone	0.01
Methimazole	0.06
6-n-Propyl-2-thiouracil	0.002

ง แสดงความจำเพาะของแอนติบอดีต่อ FT₄ ที่ศึกษาและสารอื่น ๆ ที่นำมาตรวจสอบ

สารที่ใช้ทดสอบ	% Cross reactivity
Diiodo-L-tyrosine	ND
5,5'-Diphenylhydantoin	ND
Methimazole	ND
Monoiodotyrosine	ND
Phenylbutazone	ND
6-n-Propyl-2-thyrouracil	ND
Tetraiodothyroacetic acid	0.03
Triiodothyroacetic acid	0.0007
Triiodo-D-thyronine	0.0008
Triiodo-L-thyronine	0.001

* ND = non detected

ประวัติผู้เขียน

นางสาว กาญจนา วุฒิชัยถาวร เกิดวันที่ 27 มกราคม 2510 จังหวัดกรุงเทพมหานคร
สำเร็จการศึกษาปริญญาวิทยาศาสตรบัณฑิต สาขาวาริชศาสตร์ คณะวิทยาศาสตร์ มหาวิทยาลัย
ศรีนครินทรวิโรฒ บางแสน เมื่อปีการศึกษา 2532 เข้าศึกษาปริญญาวิทยาศาสตรมหาบัณฑิต ใน
บัณฑิตวิทยาลัย จุฬาลงกรณ์มหาวิทยาลัย เมื่อปีการศึกษา 2532 และได้รับทุนการศึกษาตามโครง
การผลิตและพัฒนาอาจารย์ ตามความต้องการของสถาบันเทคโนโลยีการเกษตรแม่โจ้ เมื่อปี
การศึกษา 2532

