

Caracterização da actividade laboratorial a nível nacional

Área de Endocrinologia

GRUPO DE ESTUDOS DE LABORATÓRIO-SPEDM

Agosto 2017



CARACTERIZAÇÃO DA ACTIVIDADE LABORATORIAL-área de Endocrinologia (2017)

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Centro Hospitalar	IPOL	IPOP	IPOC	CHLN	CHLC	CHLO	HGO	CHBM	CHS	CHUC	CHBV	ULSLA	ULSAM	CHPV	CHP	CHSJ	HFaro	CHVNG	H. Funchal	CHLP	ULSM	H. Braga	HDS
Analito Hospital	IPOL	IPOP	IPOC	HSM	HCC	SF Xavier	HGO	Barreiro	HSB	HUC	H Aveiro	HLA	HSS		HGSA	HSJoão	HF	HGaia	HCF	HSA		H. Braga	HDS
ACTH	I	R	I	I	I	R	I	R	R	I	I	---	I	---	I	R	I	I	R	R	---	I	---
5-HIAA	Cr/E	HPLC	Cr/E	HPLC	HPLC	---	---	---	---	LC/MS	---	---	---	---	HPLC	HPLC	Cr/E	---	HPLC	---	---	---	---
Ác. Vanilmandélico	Cr/E	HPLC	Cr/E	HPLC	HPLC	---	---	---	---	LC/MS	---	---	---	---	HPLC	HPLC	Cr/E	---	HPLC	Cr/E	---	---	---
Ácido Homovanílico	---	HPLC	---	HPLC	---	---	---	---	---	LC/MS	---	---	---	---	HPLC	HPLC	---	---	---	---	---	---	---
Aldosterona (s/u)	1-Dias	---	1-Dsl	1-Dias	1-Zen	R/1-Dia	1-Bec	---	L	L	---	---	---	---	1-CIS	1-Siem	1	1-CIS	2- ³	L	---	1-BEC	---
3 Alfa-Androstendiol	---	---	---	---	DIA	---	---	---	---	---	---	---	---	---	1-Bec	---	---	---	---	---	---	---	---
Ac Anti-Insulina	---	---	---	---	1-RSR	---	---	---	---	1-RSR	---	---	---	---	1-RSR	1-DLD	---	1-Dias	---	---	---	---	---
ICA	---	---	---	---	---	---	---	---	---	IFI-Euri	---	---	---	---	2-M	---	2	---	---	---	---	---	---
Ac Anti-GAD	---	---	---	---	1-RSR	---	---	---	---	1-RSR	---	---	---	---	1-M	1-DLD	1	---	---	---	---	---	---
Ac anti IA2	---	---	---	---	1-RSR	---	---	---	---	1-RSR	---	---	---	---	1-RSR	---	---	---	---	---	---	---	---
Ac anti ZnT8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2-RSR	---	---	---	---	---	---	---	---
Ac Anti MUSK	---	---	---	---	---	---	---	---	---	1-RSR	---	---	---	---	1-RSR	---	---	---	---	---	---	---	---
Ac AntiTG, Anti-TPO	U	R	I	I	Ar	R	R	Ar	Ar	I	Ct	Ac	Ar	R	R	Ar	2	R	Ac	U	Ar	I	Ar
Ac antireceptorTSH (TRAb)	R	R	R	R	1-RSR	R	R	---	R	R	---	---	---	---	R	2-Euri	---	1-RSR	R	---	---	I - M	---
Ac Anti Recetor Ach	---	---	---	---	1-RSR	---	---	---	---	1-RSR	---	---	---	---	1-RSR	---	---	---	---	---	---	---	---
Atividade. Renina (PI)	1-Dia	---	---	---	---	---	---	---	L	L	---	---	---	---	---	---	---	1-Dias	---	L	---	---	---
β -Crosslaps (B-CTX)	---	---	R	R	---	---	---	---	---	---	---	---	---	---	R	R	---	---	---	---	---	---	---
β hCG Livre	---	---	---	R	R	K	---	---	---	K	Ct	---	Ar	R	R	Def	---	---	K	K	Ar	K	---
α-subunidade HCG	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1-Bec	---	---	---	---	---	---	---	---
hCGTotal	I	R	I	I e Ct	I	R	R	Ar	Ar	I	Ct	Ac	---	---	I	R	Ar	R	Ac	Ac	---	D	Ar

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Centro Hospitalar	IPOl	IPOp	IPOc	CHLN	CHLC	CHLO	HGO	CHBM	CHS	CHUC	CHBV	ULSLA	ULSAM	CHEDV	CHP	CHSJ	HFaro	CHVNG	HCF	CHLP	ULSM	H. Brada	HDS
Calcitonina	I	I	I	I	I	R	I	---	---	I	---	---	---	---	I	I	I	I	---	R	---	---	---
Catecolaminas (PI)	---	---	---	1-LDN	HPLC	---	---	---	---	LC/MS	---	---	---	---	HPLC	HPLC	1	1-LDN	---	---	---	---	---
Catecolaminas (Ur)	---	HPLC	---	HPLC	HPLC	---	---	---	---	---	---	---	---	---	HPLC	HPLC	1	1-LDN	HPLC ^a	---	---	---	---
Cortisol (soro)	1-CIS	R	R	Ct	Ar	R	R	Ar	Ar	I	Ct	---	Ar	R	R	R	Ar	R	Ac	Ac	Ar	Ct	Ar
Cortisol (urina)	1-CIS	R	R	Ct	Ar	1-Dia	R	---	---	R	Ct	---	Ar	---	Ar	R	Ar	1-Dia	---	Ac	Ar	Ct	Ar
Cortisol (saliva)	1-CIS	R	R	2-N	1-Cis	R	R	-----	-----	R	-----	-----	---	---	R	R	---	-----	---	---	---	---	---
Cromogranina A	1-CIS	1-Eur	K	1-Eur	-----	1-Eur	-----	-----	-----	K	-----	-----	---	---	1-CIS	---	---	1-Eur	---	---	---	2 EDI	---
DHEA-SO4 (DHEA-S)	I	I	Ct	I	Ar	R	R	Ar	R	I	-----	-----	---	R	I	R	I	R	Ac	Ac	Ar	I	---
Delta-4 Androstenediona	I	I	I	I	Dia	1-Dia	I	-----	-----	I	---	-----	---	---	I	I	--	1-Dia	2-? ^a	---	-----	I	---
DHT	1-Bec	-----	-----	-----	Dia	---	-----	-----	-----	-----	-----	-----	---	---	1-DSL	---	--	-----	-----	---	-----	---	---
11-Desoxicortisol	-----	-----	-----	1-Bio	Dia/MP	-----	-----	-----	-----	1-Dia	-----	-----	---	---	1-IBL	---	--	-----	-----	---	-----	---	---
Desoxipiridinolina	I	-----	-----	I	I	---	-----	-----	-----	I	-----	-----	---	---	I	---	--	-----	-----	---	-----	---	---
Elastase pancreática	---	---	---	---	---	---	---	---	---	2-Sc	---	---	---	---	2-Sc	---	--	---	---	---	---	---	---
17 β estradiol	I	I	Ct	Ct	Ar	R	R	Ar	R	Ct	Ct	Ac	---	R	R	R	Ar	R	Ac	Ac	Ar	Ct	Ar
Estriol livre	---	---	---	I	I	---	---	---	---	I	---	---	---	---	I	I	---	---	Ac	---	---	---	---
Estrona	---	---	1-DSL	---	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	---	---	---	---
FSH	I	R	Ct	Ct	Ar	R	R	Ar	R	Ct	Ct	Ac	Ar	R	R	R	--	R	Ac	Ac	Ar	Ct	Ar
ALP óssea	2-Q	---	L	Ac	---	---	---	---	---	---	---	---	---	---	Ac	---	--	---	---	---	---	---	---
Gastrina	I	I	I	I	-----	-----	-----	-----	-----	I	I	-----	-----	-----	I	---	--	I	-----	---	---	---	---
Glucagon	-----	-----	2-Mer	-----	-----	-----	-----	-----	-----	1-MP	-----	-----	-----	-----	1-MP	---	--	---	-----	---	---	-----	---
HbA1c	-----	HPLC	-----	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	CAP	HPLC	HPLC	HPLC
17αOHProgesterona	1-MP	1-Siem	1-Dia	1-Cis	Dia	1-Dia	1-Bec	-----	-----	3-M	-----	-----	---	-----	1-Dia	1-Siem	1	1-Dia	2-? ^a	Ac	---	1- Bec	---
17OHcorticosteróides	Q/E	-----	-----	---	-----	---	-----	-----	-----	-----	-----	-----	---	-----	-----	---	--	---	C/E ^a	---	---	---	---
Homocisteína	---	---	Nef	Ct	---	R	---	---	---	Ar	---	---	Ar	---	I	Ar	ACL	---	---	---	---	I	Ar
H. do Crescimento	I	I	I	I	I	R	I	-----	-----	I	-----	-----	---	-----	I	I	I	I	Ac	---	---	I	---

CARACTERIZAÇÃO DA ACTIVIDADE LABORATORIAL-área de Endocrinologia (2017)

Centro Hospitalar	IPOL	IPOP	IPOC	CHLN	CHLC	CHLO	HGO	CHBM	CHS	CHUC	CHBV	ULSLA	ULSAM	CHEDV	CHP	CHSJ	HFaro	CHVNG	HCF	CHLP	ULSM	H. Brada	HDS
H. Anti-diurética	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1-Eur	---	--	---	----	---	---	---	---
H. Anti-Mülleriana	----	----	---	---	---	---	---	---	---	R	---	---	---	---	Ac	---	--	2-G	---	---	---	---	---
H. Anti-Mülleriana	----	----	---	---	---	---	---	---	---	R	---	---	---	---	Ac	---	--	2-G	---	---	---	---	---
IGF1	I	I	I	I	I	1-Med	I	----	----	I	----	----	----	----	1-Med	I	I	---	2-?	Ac	---	I	---
Insulina	I	I	R	Ct	Ar	R	R	Ar	R	Ct	Ct	----	Ar	R	R	R	Ar	R	Ac	Ac	Ar	I	Ar
Iodo Urinário	Col	----	Col	----	----	----	----	----	----	----	---	----	---	----	Col	---	--	----	----	---	---	---	--
LH	I	R	Ct	Ct	Ar	R	R	Ar	R	Ct	Ct	Ac	Ar	R	R	R	Ar	R	Ac	Ac	Ar	Ct	Ar
Leptina	----	----	--	--	Mil	---	---	---	---	1-DSL	---	---	---	---	2-Mer	---	--	---	---	---	---	---	---
Macroprolactina	PEG	PEG	K	----	PEG	----	----	----	----	1-Mil	---	----	----	----	PEG	---	--	PEG	PEG	---	---	---	---
Metanefrinas (PI)	---	---	1-LDN	1-LDN	-1-LDN	---	---	---	---	LC/MS	---	---	---	----	LC-MS	---	--	1-LDN	---	---	---	---	---
Metanefrinas (Ur)	Cr/E	HPLC	1-LDN	HPLC	HPLC	1-Dia	----	----	----	LC/MS	---	----	----	----	HPLC	HPLC	1	1_LDN	HPLC ^a	Cr/E	---	---	---
Normetanefrina (PI)	---	---	1-LDN	1-LDN	1-LDN	----	---	---	---	LC/MS	---	---	---	----	LC-MS	---	--	1-LDN	---	---	---	---	---
Normetanefrina (Ur)	----	HPLC	1-LDN	HPLC	HPLC	1-Dia	----	----	----	LC/MS	---	----	----	----	HPLC	HPLC	1	1-LDN	HPLC ^a	---	---	---	---
Metoxitiramina (PI)	----	---	----	---	---	---	---	---	---	LC/MS	---	---	---	----	---	----	---	---	---	---	---	---	---
Metoxitiramina (Url)	---	---	---	---	---	---	---	---	---	LC/MS	---	--	---	----	---	--	---	---	----	---	---	---	---
Osteocalcina	----	----	R	R	I	----	----	----	----	K	---	----	---	----	R	R	I	----	R	---	---	---	--
Parathormona (PTH)	I	R	Ct	Ct	Ar	R	R	----	Ar	Ct	Ct	Ac	Ar	R	R	R	Ar	R	Ac	Ac	Ar	Ct	Ar
PTH intra-operatória	I	R	Ct	Ct	Ar	R	----	----	Ar	Ct	---	Ac	Ar	R	R	R	Ar	R	Ac	Ac	Ar	Ct	---
Peptido C (s/u)	I	I	R	Ct	I	R	I ^c	Ar	R	I	I	----	Ar	R ^c	R ^c	R	Ar	R	R	---	Ar	I	---
PP	---	---	1-Eur	---	---	---	---	---	----	--	---	---	---	----	---	---	--	---	---	----	---	---	----
Procolagénio I	----	----	R	R	---	---	---	---	----	----	--	---	---	----	R	--	---	---	---	---	---	---	---
Procolagénio III	----	----	---	---	---	---	---	---	---	---	---	---	---	----	1CIS	---	--	---	---	---	---	---	---
Progesterona	I	I	Ct	Ct	Ar	R	R	Ar	R	Ct	Ct	----	---	R	I	R	Ar	R	Ac	Ac	Ar	Ct	Ar
Prolactina (PRL)	1-Dia	R	CT	Ct	Ar	R	R	Ar	R	Ct	Ct	Ac	---	R	R	R	Ar	R	Ac	Ac	Ar	Ct	Ar
RBP	----	----	----	NEF	----	----	----	----	----	NEF	---	----	---	----	D-NEF	NEF	--	----	----	---	---	---	---
Renina	---	----	L	L-Dias	L	1-Dia	1-CIS	----	L	L	---	----	---	----	1-CIS	1-Cis	---	1-Dia	2-?	L	---	---	---

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Centro Hospitalar	IPOL	IPOP	IPOC	CHLN	CHLC	CHLO	HGO	CHBM	CHS	CHUC	CHBV	ULSLA	ULSAM	CHEDV	CHP	CHSJ	HFaro	CHVNG	HCF	CHLP	ULSM	H. Brada	HDS
Serotonina	----	----	1-DRG	HPLC	HPLC	----	----	----	----	LC/MC	---	----	---	---	HPLC	---	--	----	----	---	---	---	---
SHBG	---	R	I	Ct	Ar	----	----	----	----	----	---	----	---	---	I	R	--	R	Ac	---	---	I	---
Triiodotironina (T3)	R	R	R	Ct	Ar	----	R	Ar	Ar	I	Ct	Ac	Ar	R	R	Ar	--	R	Ac	Ac	Ar	I	Ar
Tiroxina (T4)	R	R	R	Ct	Ar	----	R	Ar	----	I	Ct	Ac	Ar	R	R	Ar	---	R	Ac	Ac	Ar	I	Ar
T3 Livre (FT3)	R	R	R	Ct	Ar	R	R	Ar	----	Ct	Ct	Ac	Ar	R	R	Ar	Ar	R	Ac	Ac	Ar	D	Ar
T4 Livre (FT4)	R	R	R	Ct	Ar	R	R	Ar	Ar	I	Ct	Ac	Ar	R	R	Ar	Ar	R	Ac	Ac	Ar	D	Ar
Testosterona Livre	1-Dia	1-Bec	1-DSL	1-Dia	Dia	----	1-Dia	----	----	3-M	----	----	----	----	1-Dia	1-Siem	1	1-Dia	b	---	---	---	---
Testosterona Total	I	R	R	I	Ar/Dia	R	R	Ar	R	Ct	Ct	---	Ar	R	R	R	Ar	R	Ac	Ac	Ar	Ct	Ar
Tireotrofina (TSH)	R	R	Ct	Ct	Ar	R	R	Ar	Ar	Ct	Ct	Ac	Ar	R	R	Ar	Ar	R	Ac	Ac	Ar	D	Ar
Tiroglobulina (TG)	I	R	R	I	I	R	R	----	R	R	I	Ac	I	R	R	I	--	R	R	Ac	---	I	---
Vit D (1,25 OH)	1-IDS	----	----	---	Dia	----	---	----	----	----	----	---	----	----	----	----	----	----	----	----	----	---	---
Vit D (25 OH)	1-IDS	----	Ct	Ar	L	Ar	R	----	R	L	Ct	---	Ar	R	R	R	Ar	R	R	Ac	Ar	L	Ar
VIP	----	1-Eur	----	----	----	----	----	----	----	1-Eur	----	----	----	----	1-Eur	---	---	----	----	---	---	---	---
EPO	I	I	I	I	I	2	----	----	----	I	----	----	----	----	I	I	--	I	----	---	---	I	---

*Dados não actualizados

	Equipamento
Ar	Architect
Ac	Access, DXi600, DXi800
Cap	Capilarys 2 Flex Piercing - Sebia
Ct	Advia Centaur
D	Dimension Vista
Def	Delfia
I	Immulate, Immulite 2000/Immulite 2500
K	Kriptor
L	Liasion
M	Maglumi
R	Cobas e411/e601, Modular E170, Cobas Integra
U	Unicap
V	Vitros Eci

	Método
1	RIA/IRMA
2	ELISA
3	Quimioluminiscência
NEF	Neflometria
Cr/E	Cromatográfico/Espectrofotométrico
Col	Colorimétrico
Q/E	Químico/ Espectrofotométrico
PEG	Precipitação c/PEG
LC/MS	Cromatografia líquida – espectrometria de massa
IFI	Imuno Fluorescência indireta

^a-em instalação
^b-por cálculo
^c-soro

	Reagentes
Ax	Axis-Shield Beckman AU 2700
B	Immunotech/Beckman Coulter
Bec	Beckman Coulter
Bio	Biosource
Brah	Brahms
CIS	CisBio
Dia	DiaSource
Dias	Diasorin
DRG	DRG
DLD	DLD
DSL	DSL
EDI	Epitope Diagnostics
Eur	Eurodiagnostica
Euri	Euroimmune
G	Grifols
IBL	IBL
IM	Immunotech
LDN	Labor Diagnostika Nord

N	Novatec
M	Medipan
Med	Mediagnostic
Mer	Mercodia
Mil	Millipore
MP	MP Biomedicals
O	Orion
Q	Quidel
RSR	RSR
Sc	Schebo
Siem	Siemens/DPC
Zen	ZenTech

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