

# Caracterização da actividade laboratorial a nível nacional

Área de Endocrinologia

GRUPO DE ESTUDOS DE LABORATÓRIO-SPEDM

Abril 2019



CARACTERIZAÇÃO DA ACTIVIDADE LABORATORIAL-área de Endocrinologia (2019)

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Centro Hospitalar	IPOl	IPOP	IPOC	CHLN	CHLC	CHLO	HGO	CHBM	CHS	CHUC	CHBV	ULSLA	CHEDV	CHPVC	CHP	CHSJ	HFaro	CHVNG	H. Funchal	CHL	ULSM	H. Braga	HDS
Analito / Hospital	IPOl	IPOP	IPOC	HSM		SF Xavier	HGO	Barreiro	HSB	HUC	H Aveiro	HLA	HSSeabastião		HGSA	HSJoão	HF	HGaia	HCF	HSA		H. Braga	HDS
ACTH	I	R	I	R	I	R	I	I	R	I	I	----	I	R	I	R	I	I	R	R	----	I	----
5-HIAA	Cr/E	HPLC	2-LDN	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-Zen	----	1-Dsl	3-Dias	1-Bec	R/1-Dia	1-Bec	----	L	L	----	----	----	----	1-CIS	1-Siem	1	1-CIS	2-?ª	3-DIAS	----	1-BEC	----
3 Alfa-Androstendiol	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1-Bec	----	--	----	----	----	----	----	----
Ac Anti-Insulina	----	----	----	3-M	1-Bec	----	----	----	----	1-RSR	----	----	----	----	1-RSR	1-DLD	--	1-Dias	----	----	----	----	----
ICA	----	----	----	3-M	----	----	----	----	----	2-Mago	----	----	----	----	2-M	----	2	----	----	----	----	----	----
Ac Anti-GAD	----	----	----	3-M	1-M	----	----	----	----	2-Mago	----	----	----	----	2-RSR	1-DLD	1	----	----	----	----	----	----
Ac anti IA2	----	----	----	3-M	1-M	----	----	----	----	2-Mago	----	----	----	----	2-RSR	----	--	----	----	----	----	----	----
Ac anti ZnT8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2-RSR	----	--	----	----	----	----	----	----
Ac Anti MUSK	----	----	----	----	----	----	----	----	----	1-DLD	----	----	----	----	1-RSR	----	--	----	----	----	----	----	----
Ac AntiTG, Anti-TPO	U	R	I	R	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-M	R	R	----	R	R	----	----	----	----	R	2-Euri	--	1-RSR	R	3DIAS	----	I - M	----
Ac Anti Recetor Ach	----	----	----	----	1-IBL	----	----	----	----	1-RSR	----	----	----	----	1-RSR	----	----	----	----	I	----	----	----
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	--	R	K	K	Ar	K	----
α-subunidade HCG	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1-Bec	----	--	----	----	----	----	----	----
hCGTotal	I	R	I	I e R	I	R	R	Ar	Ar	Ar	Ct	Ac	----	----	I	R	Ar	R	Ac	Ac	----	D	Ar

CARACTERIZAÇÃO DA ACTIVIDADE LABORATORIAL-área de Endocrinologia (2019)

Centro Hospitalar	IPOI	IPOP	IPOC	CHLN	CHLC	CHLO	HGO	CHBM	CHS	CHUC	CHBV	ULSLA	CHEDV	CHPVC	CHP	CHSJ	HFaro	CHVNG	HCF	CHL	ULSM	H. Brada	HDS
Calcitonina	I	R	I	R	I	R	I	---	---	I	---	---	---	---	I	I	I	I	---	I	---	---	---
Catecolaminas (PI)	---	---	---	1-LDN	HPLC	---	---	---	---	LC/MS	---	---	---	---	LC/MS	HPLC	1	1-LDN	---	---	---	---	---
Catecolaminas (Ur)	---	HPLC	---	HPLC	HPLC	---	---	---	---	---	---	---	---	---	HPLC	HPLC	1	1-LDN	HPLC <sup>a</sup>	---	---	---	---
Cortisol (soro)	1-CIS	R	R	R	Ar	R	R	Ar	Ar	Ar	Ct	---	Ar	R	R	R	Ar	R	Ac	Ac	Ar	Ct	Ar
Cortisol (urina)	1-CIS	R	R	R	Ar	1-Dia	R	---	---	R	Ct	---	Ar	---	Ar	R	Ar	1-Dia	---	Ac	Ar	Ct	Ar
Cortisol (saliva)	1-CIS	R	R	R	1-Bec	R	R	---	---	R	---	---	---	---	R	R	---	---	---	---	---	---	---
Cromogranina A	1-CIS	1-Cis	K	K	---	1-Eur	---	---	---	K	---	---	---	---	1-CIS	---	---	1-CisBio	---	---	---	2 EDI	---
DHEA-SO4 (DHEA-S)	I	I	Ct	R	Ar	R	R	Ar	R	AL	---	---	---	R	I	R	I	R	Ac	Ac	Ar	I	---
Delta-4 Androstenediona	I	I	I	I	1-Bec	1-Dia	I	-----	-----	I	---	---	---	---	I	I	--	1-Dia	2-?ª	---	---	I	---
DHT	1-Bec	---	---	---	1-Bec	---	---	---	---	---	---	---	---	---	1-Bec	---	---	---	---	---	---	---	---
11-Desoxicortisol	---	---	---	1-Bio	1-IBL	---	---	---	---	1-Dia	---	---	---	---	1-IBL	---	--	---	---	---	---	---	---
Desoxipiridinolina	I	---	---	---	I	---	---	---	---	I	---	---	---	---	I	---	--	---	---	---	---	---	---
Elastase pancreática	---	---	---	2-Sc	---	---	---	---	---	2-Sc	---	---	---	---	2-Sc	---	--	---	---	---	---	---	---
17 β estradiol	I	R	Ct	R	Ar	R	R	Ar	R	Ar	Ct	Ac	---	R	R	R	Ar	R	Ac	Ac	Ar	Ct	Ar
Estriol livre	---	---	---	I	I	---	---	---	---	I	I	---	---	---	I	I	---	---	Ac	---	---	---	---
Estrona	---	---	1-DSL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
FSH	I	R	Ct	R	Ar	R	R	Ar	R	Ar	Ct	Ac	Ar	R	R	R	Ar	R	Ac	Ac	Ar	Ct	Ar
ALP óssea	2-Q	---	L	3-Dias	---	---	---	---	---	---	---	---	---	---	Ac	---	---	---	---	---	---	---	---
Gastrina	I	I	I	I	---	---	---	---	---	I	---	---	---	---	I	---	---	I	---	---	---	---	---
Glucagon	---	---	2-Mer	---	---	---	---	---	---	1-Bio	---	---	---	---	1-MP	---	---	---	---	---	---	---	---
HbA1c	-----	HPLC	-----	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	CAP	HPLC	HPLC
17αOHProgesterona	1-MP	1-Siem	1-Dia	3-M	1-Bec	1-Dia	1-Bec	---	---	3-M	---	---	---	---	1-Dia	1-Siem	1	1-Dia	2-?ª	Ac	---	1-Bec	---
17OHCorticosteróides	Q/E	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	C/Eª	---	---	---	---
Homocisteína	---	---	Nef	R	---	I	I	---	---	Ar	---	---	Ar	---	D-Nef	Ar	Ar	---	---	AU5800	---	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 (2019)

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

CARACTERIZAÇÃO DA ACTIVIDADE LABORATORIAL-área de Endocrinologia (2019)

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

\*Dados não atualizados

	Equipamento
Ar	Architect
Ac	Access, DXi600, DXi800
Cap	Capilaris 2 Flex Piercing - Sebia
Ct	Advia Centaur
D	Dimension Vista
Def	Delfia
I	Immulate, Immulite 2000/Immulate 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	Quimioluminescência
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

<sup>a</sup>-em instalação

<sup>b</sup>-por cálculo

<sup>c</sup>-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
IDS	IDS

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

Nota: Este documento vai ser publicado no site da SPEDM e será de acesso público. Por favor indique os dados de contacto a serem divulgados:

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