AnshLabs®

Immunoassays at a Glance

* Regulatory Clearances:
IVD - FDA Cleared
CE - CE Mark for Europe
RUO - Research Use Only

Reproductive Function

	Description	Method	Catalog #*	Sample Type	Size	LOD	Dynamic Range	Assay Time
Activins	Activin A	ELISA	AL-110 (RUO) AL-110-i (CE)	Serum	25 µL	0.065 ng/mL	0.1 – 10 ng/mL	3.5 hrs
	Activin B	ELISA	AL-150 (RUO)	Serum, Plasma	25 µL	4.35 pg/mL	12 – 2600 pg/mL	3.5 hrs
	Activin AB	ELISA	AL-153 (RUO)	Serum	100 µL	0.117 pg/mL	1.35 – 108 pg/mL	5.5 hrs
Alpha- Fetoprotein	AFP	ELISA	AL-104 (RUO)	Serum	25 µL	0.44 ng/mL	5 - 500 ng/mL	1.0 hr
AMH	AMH, Ultra–Sensitive	ELISA	AL-105 (RUO) AL-105-i (CE)	Serum, Plasma	25 µL	0.023 ng/mL	0.08 – 14.2 ng/mL	2.5 hrs
	DBS AMH	ELISA	AL-129 (RUO) AL-129-i (CE)	Dried Blood Spots	2 Disks (7.9 mm)	12.5 pg/mL	4.4– 989.8 pg/mL	4.5 hrs
	MenoCheck® picoAMH	ELISA	AL-124 (IVD) AL-124-i (CE)	Serum	100 µL	1.3 pg/mL	3.8 – 1091 pg/mL	4.5 hrs
	picoAMH (RUO)	ELISA	AL-124-r (RUO)	Serum	10 - 100 µL	1.2 pg/mL	3.8 – 1091 pg/mL	4.5 hrs
	PCOCheck™	ELISA	AL-196 (RUO) AL-196-i (CE)	Serum, Plasma	20 µL	0.029 ng/mL	0.135 - 24 ng/mL	1.0 hr
BMPs and GDFs	BMP-15	ELISA	AL-179 (RUO)	Follicular Fluid	50 µL	29 pg/mL	62 – 6690 pg/mL	4.5 hrs
	GDF-9	ELISA	AL-176 (RUO)	Serum	50 µL	3 pg/mL	48 – 5800 pg/mL	4.5 hrs
	GDF-9/BMP-15 Complex	ELISA	AL-181 (RUO)	Follicular Fluid	25 µL	8.68 AU/mL	30 – 5200 AU/mL	4.5 hrs
	GDF-15, Total	ELISA	AL-1014 (RUO)	Serum, Urine	2 - 5 µL+	2.2 pg/mL	15 – 2906 pg/mL	2.0 hrs
	GDF-15 (H-Specific)	ELISA	AL-1018 (RUO)	Serum, Urine	2 - 5 µL+	2.38 pg/mL	13 – 3022 pg/mL	2.0 hrs
Estriol	Estriol	EIA	AL-138 (RUO) AL-138-i (CE)	Serum	50 µL	0.04 ng/mL	0.054 - 11.75 ng/mL	1.0 hr
Follistatins	Follistatin	ELISA	AL-117 (RUO)	Serum	50 µL	0.18 ng/mL	0.625 – 20 ng/mL	3.0 hrs
	Follistatin-Like 3 (FSTL-3)	ELISA	AL-152 (RUO)	Serum	25 µL	0.164 ng/mL	0.4 – 14 ng/mL	2.5 hrs
FSH	FSH, Ultra-Sensitive	ELISA	AL-186 (RUO)	Serum, Plasma	25 µL	0.016 mIU/mL	0.153 – 26 mIU/mL	1.5 hrs
		CLIA	AL-286 (RUO)	Serum, Plasma	50 µL	0.018 mIU/mL	0.1 – 105 mIU/mL	2.5 hrs
	FSH, Dried Blood Spot	ELISA	AL-187 (RUO)	Dried Blood Spots	2 Disks (7.9 mm)	0.12 mIU/mL	1-160 mIU/mL	1.5 hrs
Inhibins	Inhibin A	ELISA	AL-123 (IVD) AL-123-r (RUO) AL-123-i (CE)	Serum	50 µL	5.45 pg/mL	9.9 – 1188 pg/mL	4.0 hrs
	picoInhibin A	ELISA	AL-184 (RUO)	Serum	50 µL	0.48 pg/mL	1.5 – 198 pg/mL	4.0 hrs
	Inhibin B	ELISA	AL-107 (RUO) AL-107-i (CE)	Serum	50 µL	1.6 pg/mL	12.7 – 1390 pg/mL	3.5 hrs
	Inhibin B, Ultra–Sensitive	ELISA	AL-195 (RUO) AL-195-i (CE)	Serum	50 µL	0.77 pg/mL	3.9 – 542 pg/mL	1.5 hrs
	Inhibin, Total	ELISA	AL-134 (RUO)	Serum, Plasma	50 µL	0.94 pg/mL	8.3 – 525 pg/mL	3.5 hrs
LH	LH, Ultra-Sensitive	ELISA	AL-188 (RUO)	Serum	10 µL	0.006 mIU/mL	0.097 – 9.9 mIU/mL	2.5 hrs
		CLIA	AL-288 (RUO)	Serum	50 µL	0.009 mIU/mL	0.013 – 20 mIU/mL	2.5 hrs
	LH, Dried Blood Spot	ELISA	AL-190 (RUO)	Dried Blood Spots	2 Disks (7.9 mm)	0.02 mIU/mL	0.32 – 28.16 mIU/mL	2.5 hrs
PAPP-A	PAPP–A	ELISA	AL-106 (RUO) AL-106-i (CE)	Serum	50 µL	1.14 ng/mL	18 – 3300 ng/mL	3.0 hrs
	picoPAPP–A	ELISA	AL-101 (RUO) AL-101-i (CE)	Serum	50 µL	0.037 ng/mL	0.1 – 10 ng/mL	2.0 hrs
	PAPP–A2	ELISA	AL-109 (RUO) AL-109-i (CE)	Serum	50 µL	0.071 ng/mL	0.09 – 9.4 ng/mL	2.5 hrs
Prolactin	Prolactin, Ultra-Sensitive	ELISA	AL-199 (IVD) AL-199-i (CE)	Serum	20 µL	0.4 ng/mL	1.4 – 244 ng/mL	1.0 hr
	Prolactin, Dried Blood Spot	ELISA	AL-1016 (RUO) AL-1016-i (CE)	Dried Blood Spots	2 Disks (7.9 mm)	0.4 ng/mL	2.2 - 366 ng/mL	2.0 hrs
Testosterone	Testosterone	EIA	AL-162 (RUO)	Serum	50 µL	3.5 ng/dL	9-1500 ng/dL	1.5 hrs

+ Predilution

Glucagon Regulation and Metabolism

	Description	Method	Catalog #*	Sample Type	Size	LOD	Dynamic Range	Assay Time
C-Peptide	C-Peptide of Insulin	ELISA	AL-151 (RUO)	Serum, Plasma	20 µL	0.018 ng/mL	0.2 – 10.9 ng/mL	1.0 hr
GIP	GIP, Intact	ELISA	AL-1022 (RUO)	Serum, Plasma	25 µL	7.7 pg/mL	62.5-1000 pg/mL	3.5 hrs
	GIP, Total	ELISA	AL-1013 (RUO)	Serum, Plasma	25 µL	8.0 pg/mL	62.5-1000 pg/mL	3.5 hrs
GLPs	GLP-1	ELISA	AL-172 (RUO)	Plasma	50 µL	1.9 pg/mL	15 – 213 pg/mL	2.5 hrs
	GLP-2	ELISA	AL-174 (RUO)	Plasma	50 µL	0.011 ng/mL	0.14 – 7.5 ng/mL	2.5 hrs
Glicentin	Glicentin	ELISA	AL-185 (RUO)	Plasma	25 µL	4.17 pg/mL	33.3 – 1666 pg/mL	2.5 hrs
Glucagon	Glucagon	ELISA	AL-157 (IVD) AL-157-r (RUO) AL-157-i (CE)	Plasma	50 µL	2.4 pg/mL	7 – 314 pg/mL	2.5 hrs
OXM	Oxyntomodulin	ELISA	AL-139 (RUO)	Plasma	50 µL	0.243 pg/mL	3 – 290 pg/mL	2.0 hrs
Proglucagon	Major Proglucagon Fragment	ELISA	AL-175 (RUO)	Plasma	25 µL	0.003 ng/mL	0.05 – 3 ng/mL	2.5 hrs
	Proglucagon	ELISA	AL-1019 (RUO)	Plasma	25 µL	1.14 pg/mL	6.48 – 913 pg/mL	2.5 hrs

Growth Factors

	Description	Method	Catalog #*	Sample Type	Size	LOD	Dynamic Range	Assay Time
IGFs	Total IGF–I	ELISA	AL-121 (FDA) AL-121-i (CE)	Serum, Plasma	20 µL	0.025 ng/mL	0.9 – 50 ng/mL	1.0 hr
	Free IGF–I	ELISA	AL-122 (RUO)	Serum	50 µL	0.025 ng/mL	0.67 – 43 ng/mL	1.0 hr
	IGF-II	ELISA	AL-131 (RUO)	Serum, Plasma	25 µL	1.328 ng/mL	20 – 1239 ng/mL	1.5 hrs
IGFBPs	IGFBP-2	ELISA	AL-140 (RUO)	Serum	10 µL+	0.08 ng/mL	0.45 – 27.5 ng/mL	2.5 hrs
	Total IGFBP–3	ELISA	AL-120 (RUO)	Serum	10 µL+	0.19 ng/mL	2 – 240 ng/mL	1.5 hrs
	Intact IGFBP–3	ELISA	AL-149 (RUO)	Serum	10 µL+	1.37 ng/mL	2.2 – 87 ng/mL	1.5 hrs
	Total IGFBP–4	ELISA	AL-126 (RUO)	Serum	25 µL	4.74 ng/mL	50 – 702 ng/mL	2.5 hrs
	Intact IGFBP–4	ELISA	AL-128 (RUO)	Serum	25 µL	0.669 ng/mL	1.5 – 96.16 ng/mL	2.5 hrs
	IGFBP–5	ELISA	AL-127 (RUO)	Serum	20 µL	4.4 ng/mL	15.3 – 902 ng/mL	2.0 hrs
Interleukin	picoIL-6	ELISA	AL-1007-r (RUO)	Serum	50 µL	0.15 pg/mL	1 – 125 pg/mL	2.0 hrs
Stanniocalcin	Stanniocalcin 2	ELISA	AL-143 (RUO)	Serum	25 µL	0.033 ng/mL	0.85 – 55 ng/mL	3.0 hrs

Neuronal Disorders

Myelin Basic Protein	MBP	ELISA	AL-108 (RUO)	Cerebrospinal Fluid	100 µL	0.093 ng/mL	0.35 – 10.5 ng/mL	2.5 hrs
		CLIA	AL-208 (RUO)	Cerebrospinal Fluid	100 µL	0.074 ng/mL	0.34 – 17.2 ng/mL	2.5 hrs

Species-Specific Assays

Activin	Rat / Mouse Activin B	ELISA	AL-156 (RUO)	Serum	50 µL	5.28 pg/mL	20 – 2000 pg/mL	3.5 hrs
AMH	Bovine AMH	ELISA	AL-114 (RUO)	Plasma	50 µL	11 pg/mL	13.5 – 2240 pg/mL	3.5 hrs
	Canine/Feline AMH	ELISA	AL-116 (RUO)	Serum	25 µL	0.015 ng/mL	0.3 – 11.9 ng/mL	3.5 hrs
	Equine AMH	ELISA	AL-115 (RUO)	Serum	50 µL	0.009 ng/mL	0.06 – 14 ng/mL	3.5 hrs
	Ovine AMH	ELISA	AL-155 (RUO)	Serum	50 µL	0.025 ng/mL	0.375 – 24 ng/mL	3.5 hrs
	Porcine AMH	ELISA	AL-169 (RUO)	Serum	50 µL	0.055 ng/mL	0.2 – 13 ng/mL	3.5 hrs
	Non-Human Primate AMH	ELISA	AL-105 (RUO) AL-105-i (CE)	Serum, Plasma	25 µL	23 pg/mL	0.08 – 14.2 ng/mL	2.5 hrs
	Rat / Mouse AMH	ELISA	AL-113 (RUO)	Serum	5 µL+	TBD	0.336 – 21.5 ng/mL	3.5 hrs
IGFs	Rat / Mouse Total IGF-I	ELISA	AL-137 (RUO)	Serum, Plasma	2.5 - 5 µL	0.24 ng/mL	2 – 50 ng/mL	1.5 hrs
	Rat / Mouse Free IGF-I	ELISA	AL-136 (RUO)	Serum, Plasma	2.5 µL	0.81 ng/mL	1 – 50 ng/mL	1.5 hrs
IGFBPs	Rat / Mouse Intact IGFBP–4	ELISA	AL-1025 (RUO)	Serum, Plasma	10 µL	0.07 ng/mL	0.56-18 ng/mL	2.5 hrs

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Species-Specific Assays (continued)								
Inhibins	Equine / Canine / Rodent Inhibin A	ELISA	AL-161 (RUO)	Serum	15 µL+	2.3 pg/mL	6 – 668 pg/mL	4.0 hrs
	Equine / Canine / Mouse Inhibin B	ELISA	AL-163 (RUO)	Serum	15 µL+	2.3 pg/mL	5.2 – 758 pg/mL	3.5 hrs
Oxyntomodulin	Rat / Mouse Oxyntomodulin	ELISA	AL-192 (RUO)	Plasma	10 µL	2.55 pg/mL	11.4-859 pg/mL	2.0 hrs
PAPP-A	Mouse PAPP-A	ELISA	AL-158 (RUO)	Serum, Cell Supernatant	25 µL	0.020 ng/mL	0.24 - 10.3 ng/mL	3.5 hrs

Immunoassay Serum Controls

	Description	Cat #	Packaging
AnshCheck™ Controls	1T-2T Maternal Screening Bi-Level Controls	AL-CTR-404-i (CE) AL-CTR-404 (RUO)	2 x 5 Vials (Low, High)
	AMH Tri-Level Controls	AL-CTR-401-i (CE) AL-CTR-401 (RUO)	3 x 5 Vials (Low, Mid, High)
	Inhibin B Tri-Level Controls	AL-CTR-402 (RUO)	3 x 5 Vials (Low, Mid, High)

Research Reagents at a Glance

Monoclonal Antibodies (For Research Use Only)

Description	Application	Catalog #	Isotype	Specificity	Packaging	Species Reactivity
Activin B mAb	Neutralizing Ab	AB-306-AA042	IgG1	Activin B / Inhibin BetaB Subunit	100 µg	Human
AMH mAb	ELISA	AB-303-AA011	IgG2b	AMH, Pro Region	100 µg	Human
AMH mAb	ELISA	AB-303-AA012	IgG2a	AMH, Mature Region	100 µg	Human
AMH mAb	ELISA	AB-303-AA015	IgG1	AMH, Pro Region	100 µg	Human
AMH mAb	ELISA	AB-303-AA017	IgG2b	AMH, Mature Region	100 µg	Equine, Rat, Mouse, Bovine, Canine, Ovine, Fish
AMH mAb	ELISA	AB-303-AA020	IgG2b	AMH, Mature Region	100 µg	Human, Equine, Rat, Mouse, Bovine, Canine
AMH mAb	ELISA, Neutralizing Ab	AB-303-AA022	IgG2a	AMH, Mature Region	100 µg	Human, Bovine
AMH mAb	ELISA, WB, IHC	AB-303-AA024	IgG2b	AMH, Pro Region	100 µg	Human, Mouse, Equine
AMH mAb	ELISA, IHC	AB-303-AA036	IgG1	AMH, Pro Region	100 µg	Human, Mouse, Equine
BMP-15 mAb	IHC	AB-324-AB016	IgG2a	BMP-15	100 µg	Human, Mouse
BMP-15 mAb	IHC, WB	AB-324-AB021	IgG2a	BMP-15	100 µg	Human
BMP-15 mAb	IHC	AB-324-AB022	IgG2a	BMP-15	100 µg	Human
GDF-9 mAb	IHC, WB	AB-325-AG012	IgG1	GDF-9	100 µg	Human, Mouse
GDF-9 mAb	IHC	AB-325-AG013	IgG1	GDF-9	100 µg	Human
GLP-1 mAb	ELISA	AB-327-AG022	IgG2b	GLP-1 (1-36)	100 µg	Human
GLP-1 mAb	ELISA	AB-327-AG025	IgG1	GLP-1 (1-36)	100 µg	Human
GLP-2 mAb	ELISA	AB-332-AG006	IgG1	GLP-2 (1-34)	100 µg	Human
GLP-2 mAb	ELISA	AB-332-AG008	IgG1	GLP-2 (1-34)	100 µg	Human
Glucagon mAb	ELISA, WB	AB-322-AG020	IgG2b	Glucagon (1-29)	100 µg	Human, Mouse
IGF-I mAb	ELISA, Neutralizing Ab	AB-309-AI053	IgG1	IGF-I	100 µg	Human, Rat, Bovine, Equine, Canine
IGFBP-4 mAb	ELISA	AB-308-AI039	IgG1	IGFBP-4, C Terminal	100 µg	Human
IGFBP-4 mAb	ELISA	AB-308-AI042	IgG1	IGFBP-4, C Terminal	100 µg	Human
IGFBP-4 mAb	ELISA	AB-308-AI025	IgG1	IGFBP-4, N Terminal	100 µg	Human
IGFBP-5 mAb	ELISA	AB-311-AI046	IgG2b	IGFBP-5	100 µg	Human

(Continued)

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Monoclonal Antibodies (Continued)

Description	Application	Catalog #	Isotype	Specificity	Packaging	Species Reactivity
Inhibin Alpha mAb	ELISA, WB, IHC	AB-304-AI007	IgG2a	Inhibin Alpha	100 µg	Human, Rat, Mouse
Inhibin Alpha mAb	IHC	AB-304-AI043	IgG1	Inhibin Alpha	100 µg	Human
Inhibin BetaA mAb	ELISA, IHC	AB-305-AI006	IgG1	Inhibin BetaA Subunit	100 µg	Human
Inhibin BetaA mAb	WB, IHC	AB-305-AI063	IgG2a	Inhibin BetaA Subunit	100 µg	Human, Rat, Mouse
Inhibin BetaB mAb	ELISA, WB, IHC	AB-306-AI005	IgG1	Inhibin BetaB Subunit	100 µg	Human, Rat, Mouse
Oxyntomodulin 1-29 (OXM, GLU) mAb	ELISA	AB-323-AO001	IgG1	Oxyntomodulin (1-37)	100 µg	Human, Rat, Mouse
Oxyntomodulin 29-37 (OXM) mAb	ELISA	AB-323-AO002	IgG1	Oxyntomodulin (29-37)	100 µg	Human, Rat, Mouse
Oxyntomodulin 29-37 (OXM) mAb	IHC	AB-323-AO010	IgG1	Oxyntomodulin (29-37)	100 µg	Human, Rat, Mouse
PAPP-A mAb	ELISA	AB-301-AP015	IgG1	PAPP-A, Heterotetrameric, Dimeric	100 µg	Human
PAPP-A mAb	ELISA, WB	AB-301-AP016	IgG1	PAPP-A, Heterotetrameric, Dimeric	100 µg	Human, Mouse
PAPP-A mAb (1/41A Clone)	Neutralizing Ab	AB-301-AP031	IgG2a	PAPP-A	100 µg	Human
PAPP-A2 mAb	ELISA	AB-302-AP022	IgG1	PAPP-A2	100 µg	Human
PAPP-A2 mAb	ELISA	AB-302-AP023	IgG2b	PAPP-A2	100 µg	Human

Ansh Labs mAb Specifications:

- Source - Murine
- Purity - >95% by SDS-Page under reducing conditions
- Purification - Purified from hybridoma culture supernatant using Protein G
- Activity - Determined by direct ELISA
- Dilution - Can be diluted in the same PBS buffer.
- Composition - Reconstitute to the appropriate working dilution for your intended application using 10mM Phosphate Buffered Saline at pH7.4 without preservatives.

Antigens (For Research Use Only)

Description	Catalog Number	Packaging	Specificity	Source	Appearnace
Recombinant Human Inhibin A	AG-305-AI035	5 µg	Inhibin A	CHO-S	Pink liquid solution
Recombinant Human Inhibin B	AG-306-BI043	5 µg	Inhibin B	CHO-S	Pink liquid solution
Recombinant Dimeric PAPP-A	AG-301-BP024	5 µg	PAPP-A	HEK-293	Pink liquid solution
Recombinant PAPP-A2	AG-302-BP033	5 µg	PAPP-A2	CHO-S	Pink liquid solution
Native Human PAPP-A	AG-301-BP040	5 µg	PAPP-A	Human Placental Fluid	Clear liquid solution
Recombinant Human IGFBP-4	AG-308-AI050	5 µg	IGFBP-4	HEK-293	Pink liquid solution
Recombinant Human AMH	AG-303-BA047	5 µg	AMH	CHO-S	Pink liquid solution

Shipping Conditions - The antibodies and antigens are shipped on dry ice. Upon receipt, store it immediately at -20°C to -80°C. Avoid repeated freeze-thaw cycles.

Custom Antibody Services

Ansh Labs excels at developing and screening antibodies.

- Discovery and Antibody Development
- Production (from hybridomas and sequences)
- Coupling and Conjugations
- Characterization

Custom Assay Development and Manufacturing

Ansh Labs has decades of experience developing some of the most challenging immunoassays.

- Initial Consultation
- Experimental Design
- Assay Development
- Analytical Validations
- Data Analysis

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ISO 13485:2016

Ansh Labs is ISO 13485 certified for design, development, manufacturing, services and distribution of reagents/ immunoassay kits for research and in vitro diagnostic applications.