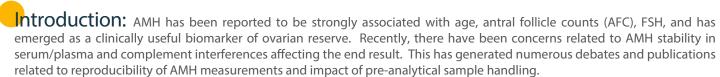
Dried Blood Spot AMH

Enzyme-Linked Immunoassay Kit



Dried blood spot specimens stability makes it a practical alternative to venous blood. It opens new possibilities in AMH testing, such as comparison of historical to current patient results; simplified blood sampling for patients in remote locations or for those who are homebound. Instead of traveling to a clinic to get blood drawn, a blood spot sample can be taken at a convenient site and mailed to a laboratory. This technology will be especially useful for monitoring ovarian function of physically challenged cancer patients undergoing chemotherapy.

ANSH LABS ADVANTAGES



Each kit includes a calibration card showing the concentrations for 2 spots, 1 spot and serum equivalent.

Specific

Recombinant and native AMH antigens were run as unknowns in the assay and the % cross-reactivity was calculated. This monoclonal antibody pair used in the assay is specific for human AMH and does not detect rat, mouse, porcine, equine, bovine, canine, and bovine AMH.

Reliable

Reproducibility of the DBS AMH ELISA assay was determined in a study using two kit controls and three serum pools. The study included a total of 40 assays, two replicates of each per assay (n=80). Representative data were calculated based on NCCLS EP5-A guidelines and are presented in the following table.

Sample	Mean Conc. (pg/mL)	Within Run		Between Run		Total	
		SD	%CV	SD	₩CV	SD	%CV
Control I	64.1	1.8	2.9%	2.0	3.2%	2.7	4.3%
Control II	186.4	6.5	3.5%	5.8	3.1%	8.7	4.7%
QCI	22.6	0.8	3.7%	1.0	4.5%	1.3	5.8%
OCS	86.5	1.9	2.2%	1.9	2.2%	2.7	3.1%
QC3	373.2	7.7	2.1%	14.2	2.8%	16.2	4.3%



Unique mAbs developed against specific linear epitopes on the associated dimers of AMH

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Specificity and consistency of AMH detection.

Specific to human AMH (associated form)

Detects the full length and enhanced biologically active associated forms of human AMH.

Standardized recombinant human AMH calibrators

Ensure accuracy and reproducibility assay-to-assay and lot-to-lot

Analytical measurable range of 4.4-989.8 pg/mL

Wide dynamic range reduces repeat testing of samples.

Sensitive to 0.0125 ng/mL using two spots

Improved detection rate in research studies of compromised gonadal function.

Efficient

DBS samples and serum samples can be run on the same plate at the same time.



Dried Blood Spot AMH

Product Listing



Advantages to Dried Blood Spot sampling include:

- Minimally invasive technique and can be self collected by finger prick.
- oried blood inactivates pathogens and lowers the biohazard risk.
- No centrifugation required.
- Gmall size and can be stacked and shipped by regular mail.
- Gtable at ambient temperature. Limited refrigerator space.
- ew drops (30 μL) of blood. Easy to split spots between sites. Ideal method for lab animals.

ELISA 96 Wells

Method	Quantitative 3-step sandwich type immunoassay			
Incubation Time	Total 4.5 hour incubation at room temperature			
Approximate Dynamic Range	7 points, 4.4-989.8 pg/mL			
Sensitivity	0.0125 ng/mL			
Sample Size / Type	10μL to 50 μL Diluted / Serum			
Shelf-life	24 months			
Catalog Number	AL-129 [CE]			

Related Assays

Dried Blood Spot related:

LH, Dried Blood Spot	96-Well ELISA	AL-190 [RUO]			
FSH, Dried Blood Spot	96-Well ELISA	AL-187 [RUO]			
Prolactin, Dried Blood Spot	96-Well ELISA	AL-1016 [CE]			
DBS kits in development: Progesterone, Testosterone, TSH					

AMH related:

AMH, Ultra Sensitive	96-Well ELISA	AL-105 [CE]
picoAMH (RUO)	96-Well ELISA	AL-124-r [RUO]
MenoCheck picoAMH	96-Well ELISA	AL-124 [FDA,CE]
PCOCheck AMH	96-Well ELISA	AL-196 [CE]

*Unless otherwise stated here, in our catalog, or other product documentation, these kits are intended for research use only and not for in vitro diagnostic purposes or therapeutic uses.

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Reproductive Function

Activin A [CE] Activin B Activin AB AFP AMH [CE]

AMH, Dried Blood Spot [CE] AMH (PCOCheck™) [CE] picoAMH (MenoCheck®) [FDA, CE]

BMP-15

Estriol [FDA, CE]

Follistatin

Follistatin Like-3 (FSTL-3)

FSH [FDA]

FSH, Dried Blood Spot

GDF-9

GDF-9/BMP-15 Complex

GDF-15, Total GDF-15, H-Specific

GDF-15, H-Specific

Inhibin, Total

Inhibin A [FDA, CE]

picolnhibin A

Inhibin A (OMQCheck™)

Inhibin B [CE]

Inhibin B, Ultra-Sensitive [CE]

LH [FDA]

LH, Dried Blood Spot

PAPP-A2 [CE]

picoPAPP-A [CE]

PLGF [CE]

Prolactin [FDA, CE]

Prolactin, Dried Blood Spot

[CL]

Testosterone

Specialty Controls

AnshCheck AMH Tri-Level Controls [FDA, CE]

AnshCheck Inhibin B Tri-Level Controls

AnshCheck Maternal
Screening Bi-Level Controls
[FDA, CE]

Metabolism

C-Peptide of Insulin

GIP, Intact

GIP, Total

Glicentin GLP-1

GLP-2

Glucagon [FDA, CE]

Major Proglucagon

Fragment (MPGF)

Oxyntomodulin Proglucagon

Growth Factors

IGF-I, Free

IGF-I, Total [FDA, CE]

IGF-II

IGFBP-2

IGFBP-3, Intact

IGFBP-3, Total

IGFBP-4, Intact

IGFBP-4, Total

IGFBP-5

picoIL-6

Stanniocalcin 2

Species Specific Assays

Activin B: Mouse

AMH: Bovine, Canine, Equine, Mouse, Ovine, Porcine, Rat

IGF-I, Free: Mouse, Rat

IGF-I, Total: Mouse, Rat

IGFBP-4: Mouse, Rat

Inhibin A: Canine, Equine,

Rodent

Inhibin B: Canine, Equine,

Rodent

Oxyntomodulin: Mouse, Rat

PAPP-A: Mouse

Neuronal Disorders

MBP

**Unless stated otherwise, products are for research use only.

Customer Relations

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