抗苗勒氏管激素（AMH）参考值解读

1、健康女性AMH水平：AMH与年龄呈负相关作用[1]。

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| --- | --- | --- | --- | --- | --- |
| 年龄 | <30 | 31–35 | 36–40 | 41–45 | 46–50 |
| AMH参考值 | 2.50-6.30 | 1.88-6.08 | 1.71-5.30 | 0.78-3.56 | 0.76-2.80 |

2、AMH与卵巢相关疾病

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| 卵巢相关疾病 | AMH值 |
| 卵巢早衰（卵巢储备功能低下） | AMH值低于相应年龄段正常参考值 |
| 多囊卵巢综合征（PCOS） | AMH>8.40ng/ml，国外数据[2] |
| AMH>6.99ng/ml，中信湘雅数据[3] |
| 绝经 | AMH值低于检测下限[4] |

3、AMH预测卵巢反应性

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| 卵巢反应性 | AMH参考值 |
| 预测低反应 | AMH＜0.5-1.1ng/ml，中华医学会生殖医学分会《2015年 卵巢低反应专家共识》[5] |
| 预测高反应 | AMH>3.36ng/ml，国外数据[6] |
| AMH>4.17ng/ml，中山二院数据[7] |

4、健康男性参考值

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| 年龄（岁） | 20-60 | >60 |
| AMH值（ng/ml） | 1.45-18.77 | 0.34-9.38 |

参考文献

[1] La Marca A, Sighinolfi G, Giulini S, et al. Normal serum concentrations of anti-Mullerian hormone in women with regular menstrual cycles[J]. Reprod Biomed Online,2010,21(4):463-469;

[2] Pigny, P; Jonard, S; Robert, Y, et al. Serum Anti-Müllerian Hormone as a Surrogate for Antral Follicle Count for Definition of the Polycystic Ovary Syndrome[J], Obstetrical & Gynecological Survey, 2006, 61(8):522-523;

[3] 熊紫薇, 胡坚, 陈薪宇等.抗缪勒氏管激素在多囊卵巢综合征诊断中的价值[J].分子影像学杂志，2015,38(2):80-83;

[4] Knauff E A, Eijkemans M J, Lambalk C B, et al. Anti-Mullerian hormone, inhibin B, and antral follicle count in young women with ovarian failure[J]. J Clin Endocrinol Metab,2009,94(3):786-792;

[5] 武学清, 孔蕊,田莉.卵巢低反应专家共识.生殖与避孕,2015,2: 71-79;

[6] Lee TH, Liu CH, Huang CC, et al. Serum anti-mu¨llerian hormone and estradiol levels as predictors of ovarian hyperstimulation syndrome in assisted reproduction technology cycles[J]. Human Reproduction,2008,23(1):160–167;

[7] 谭嘉琦,陈晓莉,李予等. 抗苗勒管激素预测卵巢反应性的价值研究[J].实用妇产科杂志,2015,31(8):583-586.