Reference value interpretatio of Anti-mullerian hormone (AMH)

1. AMH level for healthy women: AMH is negatively correlated with age [1]

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

2、AMH and ovarian related diseases

|  |  |
| --- | --- |
| ovarian related diseases | Value of AMH |
| Premature ovarian failure (low ovarian reserve) | AMH value is lower than the normal reference value of the corresponding age |
| Polycystic ovary syndrome (PCOS) | AMH>8.40ng/ml，Overseas data[2] |
| AMH>6.99ng/ml，Date of Zhongxin huya hospital [3] |
| menopause | AMH below detection limit[4] |

3、AMH predicting ovarian responsiveness

|  |  |
| --- | --- |
| Ovarian reactivity | Value of AMH |
| Projection of low response | 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] |
| Projection of high response | AMH>3.36ng/ml，Overseas data[6] |
| AMH>4.17ng/ml，Date of Zhongshan 2nd hospital [7] |

4、Reference values for healthy men

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| --- | --- | --- |
| Age | 20-60 | >60 |
| AMH value（ng/ml） | 1.45-18.77 | 0.34-9.38 |

Reference documents

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[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;

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