

Dr Hugh O'Sullivan

INSTANTSCRIPTS
Level 8
637 Flinders Street
DOCKLANDS VIC 3008

O1870

PST/---/---/---/---

Vicky TIECHE

Lab ID : 468223215 Your Ref : 468223215

27a Seymore Avenue
Maslin Beach 5170

DOB : 25/11/1986 (37 Yrs)
Sex : Female
Ph : 0433520230

Requested : 26/08/2024
Collected : 26/08/2024
Received : 26/08/2024 19:37
Printed : 30/08/2024 19:51

AMH	Current Result		Units	Reference
Date	26/08/24			
Time				
Lab ID	468223215			
AMH (Roche Plus)	16.0		pmol/L	(1.1-53.5)

Comment on Lab ID 468223215

The reference interval quoted above for the Roche AMH Plus assay is the age-related 2.5 - 97.5 percentile.

- Generally accepted fertility criteria (not age-related):
- < 11.0 pmol/L: Suggestive of reduced ovarian reserve
 - > 24.0 pmol/L: Indicates the possibility of
 1. Polycystic Ovarian Syndrome
 2. In post-menopausal females - granulosa cell tumour
 3. Increased risk of Ovarian Hyperstimulation

Syndrome in a stimulated cycle
AMH is produced by the granulosa cells of developing follicles, and provides an estimate of the number of primordial follicles. Particularly in younger women, a low AMH level does not exclude the possibility of fertility.
Levels may be decreased in the latter part of the menstrual cycle and by the OC pill.
High dose biotin (Vitamin B7) can interfere in the AMH Plus assay, causing a falsely low result. High dose biotin may be used in the treatment of Multiple Sclerosis, and is present in certain vitamin supplements, particularly those for hair and nails. If the patient is taking high dose biotin supplementation (> 5 mg/day) this result may not be accurate, please repeat this test after at least 3 days off biotin
Reported by Sullivan & Nicolaides (1964) , a member of the Sonic Healthcare Group.