KISSPEPTIN-10

What is Kisspeptin-10?

This peptide is a naturally occurring protein in humans that plays important roles in hormone signaling during puberty and reproduction. It is also thought to alter mood and behavior, promote angiogenesis, and regulate kidney function. Kisspeptin-10 has also been found in the brain and is known to suppress tumor growth and spread. It is also known and heavily studied for its ability to influence gonadotropin releasing hormone (GnRH). Gonadotropin releasing hormone is produced and secreted by specialized nerve cells in the hypothalamus of the brain. It is released into tiny blood vessels that carry this hormone from the brain to the pituitary gland, where it stimulates the production of two more hormones – follicle stimulating hormone and luteinising hormone. These hormones are released into the general circulation and act on the testes and ovaries to initiate and maintain their reproductive functions.

Indications

- Stimulate the release of Gonadotropin Releasing Hormone (GnRH)
- Evoke LH secretion in men and continuous infusion may increase testosterone level
- Induce egg maturation, helping in egg implantation and maturation in reproduction
- Suppress tumor growth
- Improve mood

Patient Benefit:

BOOST FERTILITY

IMPROVE MOOD

