

# Ascaris

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Zoology

# Ascaris lumbricoides

- *Ascaris lumbricoides* is the largest nematode (roundworm) parasitizing the human intestine.
- *Ascaris lumbricoides* is an intestinal worm found in the small intestine of man.
- They are more common in children than in adult.
- As many as 500 to 5000 adult worms may inhabit a single host.



# *Geographic Distribution*

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- The most common human helminthic infection.
- Worldwide distribution.
- Highest prevalence in tropical and subtropical regions, and areas with inadequate sanitation.

# Parasitology 1

- It is a elongated, cylindrical and tapering at both ends.
- Sexes are separate
- The female is longer than male 20 – 35 cm long, 4-6 mm in diameter.
- Male is smaller being 15-30 cm long, 2-4 mm in diameter.
- The posterior end of male is curved having penial setae near the end.



# The Mouth Parts

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- The mouth opens at the anterior end.
- It is surrounded by three finely toothed lips.
- The lips are one dorsal and two ventrolateral.
- These lips bear sensory structures called labial papillae.



# *INFECTION TO MAN*

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- It occurs when the man swallows the infective eggs of *Ascaris* with contaminated food or water.

