

**CONCEPT: REVIEWING THE TYPES OF CULTURE MEDIA**

•Now let's review the 6 types of culture media:

Media Type	Description
<b>Chemically Defined</b>	The _____ nutrient composition is <i>known</i> .
<b>Complex</b>	The <i>exact</i> nutrient composition is _____ known.
_____	<i>Promotes</i> growth of some species & <i>inhibits</i> growth of others.
<b>Differential</b>	Can differentiate different species based on chemical changes.
_____	<i>Anaerobic chamber</i> used to grow microbes in the <i>absence</i> of O <sub>2</sub> .
_____	Has nutrients for <i>enhancing</i> growth of a species in <i>small</i> amounts.

**PRACTICE:** A medium that inhibits the growth of organisms other than the one being studied is termed a(n)

- a) Synthetic medium.
- b) Specific culture medium.
- c) Selective medium.
- d) Enrichment medium.

**PRACTICE:** Which type of culture media is commonly used to grow cells of one organism that is present in very small amounts initially?

- a) Complex media.
- b) Reduced media.
- c) Differential media.
- d) Enrichment media.

**PRACTICE:** A fastidious organism might be grown on which of the following types of media?

- a) Differential media.
- b) Selective media.
- c) Reducing media.
- d) Complex media.