

During the regulation of VDJ recombination, Recombination occurs after the removal of introns between in case of light chain

Select the correct option

- | | |
|-----------------------|----------|
| ☐ | V, D & J |
| ☐ | D & J |
| ☐ | V & D |
| ☐ | V & J |
- 

2022/07/08 11:28 AM

Question # 1 of 10 (Start time: 11:26:39 AM, 08 July 2022)

Total Marks:

RSS are the sequences which are flanked between the V, D and J

Select the correct option

☐

introns

☒

exons

☐

point mutation

☐

terminals

[Click to Save Answer & Move to Next Question](#)

Question # 1 of 10 (Start time: 11:26:39 AM, 08 July 2022)

Total Marks:

RSS are the sequences which are flanked between the V, D and J

Select the correct option

☐

introns

☒

exons

☐

point mutation

☐

terminals

[Click to Save Answer & Move to Next Question](#)

Question # 4 of 10 (Start time: 11:41:47 AM, 08 July 2022)

Total Marks

Class switching of immunoglobulin occurs from IgM to

Select the correct option

☐

IgA

☒

IgG

☐

IgE

☐

all of them

Back to Question / Previous / Next / Mark Question

Question # 8 of 10 (Start time: 11:48:25 AM, 08 July 2022)

Total Marks:

SCID is caused by the deficiency of enzyme(s)

Select the correct option

☐

REC-2

☐

RAG-1 & RAG-2

☐

cytidine deaminase

☒

REC-1



Question # 8 of 10 (Start time: 11:47:29 AM, 08 July 2022)

Total Marks:

These all are true for somatic hypermutation EXCEPT

Select the correct option

- | | |
|----------------------------------|---|
| ☐ | Decrease the affinity of immunoglobulin |
| ☐ | Occurs particularly in variable region gene |
| ☒ | Increase the immunoglobulin variety |
| ☐ | Increases the immunoglobulin diversity |

Go to the Answer Sheet of this Question

Question # 10 of 10 (Start time: 11:51:22 AM, 08 July 2022)

Total Mar

Antibody formation process is well controlled mechanisms with following characteristics EXCEPT

Select the correct option

☐

B memory cells

☐

Self/Non-Self Discrimination

☐

ability to cross react

☐

High degree of specificity of antibodies against specific antigens

Major class of antibody produced during primary antibody response is

Select the correct option

☐	IgG
☐	IgA
☐	IgD
☐	IgM



[Click to Edit Answer](#) [Move to Next Question](#)

..... enzyme is used during ELISA.

Select the correct option



horseradish catalase



horseradish dehydrogenase



horseradish dismutase



horseradish peroxidase



Click to Save Answer & Move to Next Question

Cytidine deaminase is present in

Select the correct option

☐	Macrophages
☐	Natural killer cells
☒	B cells
☐	T cells

Click to Save Answer or Move to Next Question

Question # 8 of 10 (Start time: 12:56:11 PM, 08 July 2022)

Total N

These all are true for primary antibody response against T-dependent antigen EXCEPT

Select the correct option

- ☐ fall in antibody level in decline phase
- ☒ Antibodies may persist for days, months or even years due to memory response
- ☐ Plateau or Steady State phase
- ☐ lag phase around 5-7 days

Go to Question 1 of 10 (1 of 10)

Class switch recombination occurs due to the activity of

.....

Select the correct option

- | | |
|----------------------------------|---------------------|
| ☒ | complement proteins |
| ☐ | signal sequences |
| ☐ | cytokines |
| ☐ | enzymes |

Submit Answer (100%)

RSS are the sequences which are flanked between the V, D and J

Select the correct option

- | | |
|----------------------------------|----------------|
| ☐ | point mutation |
| ☐ | introns |
| ☐ | terminals |
| ☒ | exons |

Navigation icons: back, forward, search, etc.

The kinetics of immunogen clearance consist of phases.

Select the correct option



4



2



3



5

Scanned with CamScanner

Select the correct option

- ☒ Enzyme Linked Immunosorbent Assay ✓
- ☐ Enzyme Linked Immunosorbent Agglutination
- ☐ Enzyme Linked Immunodiffusion Assay
- ☐ Enzyme Like Immunosorbent Assay

The primary and secondary antibody response are same in case of

Select the correct option



T-independent antigens



primary injection of antigens



secondary injection of antigens



T-dependent antigens



[Click to Save Answer](#) [Click to Mark Question](#)

Unknown antibody can be determined by using ELISA.

Select the correct option

- | | |
|----------------------------------|------------|
| ☐ | complement |
| ☐ | indirect |
| ☒ | direct |
| ☐ | sandwich |

Click to Save Answer & Move to Next Question

There are variable genes for lambda light chain of antibody.

Select the correct option

☒	30
☐	300
☐	4
☐	100

Click to Save Answer or Move to Next Question

There are around 300 variable genes for chain of antibody.

Select the correct option



lambda light chain



joining



kappa light chain



heavy chain

Click to Save Answer & Move to Next Question

SCID stands for

Select the correct option

☐ Secondary combined immunodeficiency

☐ Severe cells immunodeficiency

☒ Severe combined immunodeficiency

☐ Severe complement immunodeficiency

Question # 9 of 10 (Start time: 11:34:14 AM, 08 July 2022)

Total Marks:

Major class of antibody which is produced during secondary antibody response is

Select the correct option

☒

IgG

☐

IgM

☐

IgA

☐

IgE

Click to Save Answer & Move to Next Question

Question # 7 of 10 (Start time: 11:31:31 AM, 08 July 2022)

Total Marks: 1

Major class of antibody produced during primary antibody response is

.....

Select the correct option

- | | |
|----------------------------------|-----|
| ☐ | IgA |
| ☐ | IgD |
| ☒ | IgM |
| ☐ | IgG |

Click on Save Answer & Move to Next Question

Question # 6 of 10 (Start time: 11:30:53 AM, 08 July 2022)

Total Marks:

The gene for chain is located on chromosome 14.

Select the correct option

☐

lambda light chain

☐

kappa light chain

☐

variable light chain

☒

heavy chain

[Click to Save Answer & Move to Next Question](#)

Effort by sidra...

☐	T cells
☐	Macrophages
☒	B cells
☐	Natural killer cells

Question # 3 of 10 (Start time: 11:28:13 AM, 08 July 2022)

Total Marks:

The substrate of horseradish peroxidase is

Select the correct option

☒

H₂O₂

☐

H₂O

☐

O₂

☐

O⁻

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Question # 4 of 10 (Start time: 11:29:00 AM, 08 July 2022)

Total Marks:

BCR can recognize soluble antigens in following forms EXCEPT

Select the correct option

☐

denatured proteins

☐

proteins

☒

viruses

☐

nucleic acids

Click to Save Answer & Move to Next Question

Effort by sidra...

Unknown antibody can be determined by using ELISA.

Select the correct option



indirect



direct



complement



sandwich