

CERTIFICATE OF ANALYSIS

Plasma/Serum Products

Cyfra 21-1 Serum

Source Material: Serum

Expiry Date: None assigned. Users should determine suitability in their own system or refer to any known collection date.

Product Code: H570-2

Antigen/Marker present: Cyfra 21-1

Species: Human

Format: Liquid

Storage Temperature: $\leq -15^{\circ}\text{C}$. Minimise freeze-thaw cycles

Shipping Temperature: $\leq -15^{\circ}\text{C}$ recommended

Intended Use: For research and further manufacturing use

Health & Safety:

Infectious Disease Tests Performed: The material has not been tested for the presence of infectious agents (other than under "Test Results Data"). See under Precaution for guidance.

Chemicals: For further information please request a Safety Data Sheet.

Precaution: Potentially hazardous. No test can guarantee absence of infective agents. Handle as hazardous using appropriate Personal Protective Equipment. Refer to Safety Data Sheet (available on request) for safety information and precautions.

Test Results Data:

Test performed: Fujirebio CanAg Cyfra 21-1 EIA (ng/ml)

Test result: See under "Lot/Donor Information"

Lot/Donor information:

Lot#	Date of Collection	Age/DOB	Gender	Race	Fujirebio CanAg Cyfra 21-1 EIA (ng/ml)
SE4070-A	16-Jun-18	76	M	African American	76.64
SE4071-A	28-Sep-18	42	F	Caucasian	58.38
SE4072-A	06-Mar-18	88	M	African American	71.49
SE4073-A	27-Apr-18	59	F	African American	30.07
SE4074-A	02-May-18	46	M	Caucasian	40.31
SE4075-A	12-Apr-18	43	F	African American	6.95
SE4076-A	18-Jan-18	65	M	African American	31.95
SE4077-A	13-Mar-18	81	M	Caucasian	27.24
SE4078-A	02-Dec-17	65	M	Caucasian	85.92
SE4079-A	15-Jun-17	85	F	Caucasian	27.24
SE4080-A	16-Jan-18	62	M	Caucasian	14.78
SE4081-A	06-Jun-18	40	F	African American	29.13
SE4082-A	30-Dec-17	54	M	Caucasian	70.63
SE4083-A	28-Mar-17	44	F	African American	27.24
SE4084-A	08-Feb-18	73	M	Caucasian	29.13
SE4085-A	18-Feb-17	48	F	Caucasian	19.61
SE4086-A	01-Jan-18	62	F	Caucasian	18.65
SE4087-A	28-Sep-17	45	M	African American	42.15
SE4088-A	09-Jan-17	78	M	Caucasian	12.83
SE4089-A	23-Oct-18	86	M	African American	14.78
SE4090-A	26-Nov-18	66	F	Caucasian	80.04
SE4091-A	10-Aug-17	55	F	African American	88.42
SE4092-A	17-Mar-18	87	F	Caucasian	17.68
SE4093-A	07-Feb-18	53	M	African American	71.49
SE4094-A	29-Apr-17	48	F	African American	22.48
SE4095-A	03-Jul-17	84	F	Caucasian	90.91
SE4096-A	15-Jan-18	83	M	African American	23.44
SE4097-A	27-Apr-17	55	F	African American	83.41
SE4098-A	03-Aug-18	84	M	Caucasian	52.13
SE4099-A	28-Mar-18	54	M	African American	61.91
SE4100-A	21-Oct-17	44	M	Caucasian	70.63

SE4101-A	11-Nov-17	71	M	Caucasian	14.78
SE4102-A	20-Oct-17	75	F	African American	82.57
SE4103-A	16-May-18	77	F	Caucasian	58.38
SE4104-A	18-Mar-17	69	M	Caucasian	40.31
SE4105-A	21-Jun-18	62	M	Caucasian	90.91
SE4106-A	18-May-18	74	F	African American	23.44
SE4107-A	24-Jan-17	81	M	African American	53.93
SE4108-A	30-Jun-17	53	M	Caucasian	62.79
SE4109-A	27-Jul-17	49	F	African American	84.25
SE4110-A	27-Jun-18	82	F	Caucasian	61.91
SE4111-A	18-Oct-17	82	M	Caucasian	9.9
SE4112-A	18-Mar-18	82	F	African American	53.93
SE4113-A	04-Jan-17	55	M	African American	80.04
SE4114-A	26-Nov-17	87	M	African American	76.64
SE4115-A	06-Apr-17	65	F	Caucasian	7.94
SE4116-A	01-Apr-19	63	M	African American	34.75
SE4117-A	15-Sep-17	61	F	African American	88.42
SE4118-A	21-Nov-17	69	M	Caucasian	83.41
SE4119-A	29-May-18	52	M	Caucasian	38.46
SE4120-A	15-Feb-17	81	F	Caucasian	35.68
SE4121-A	02-Apr-17	41	F	Caucasian	85.92
SE4122-A	15-Oct-17	79	M	Caucasian	69.77
SE4123-A	06-Jan-18	65	F	African American	85.92
SE4124-A	03-Feb-17	60	F	Caucasian	27.24
SE4125-A	10-Feb-17	61	M	Caucasian	51.23
SE4126-A	01-Jan-18	58	M	Caucasian	76.64
SE4127-A	28-Mar-18	41	F	Caucasian	80.88
SE4128-A	26-Nov-17	76	M	Caucasian	23.44
SE4129-A	16-Aug-18	50	F	African American	38.46
SE4130-A	25-Mar-18	40	M	African American	37.54
SE4131-A	01-Jan-17	82	F	Caucasian	42.15
SE4132-A	28-May-17	77	F	Caucasian	90.91
SE4133-A	27-Jan-18	44	M	African American	52.13
SE4134-A	13-Nov-17	43	M	African American	68.03
SE4135-A	02-May-17	73	F	Caucasian	70.63
SE4136-A	13-Apr-17	86	F	African American	40.31
SE4137-A	30-Nov-17	77	M	African American	39.39
SE4138-A	24-Aug-17	60	M	African American	38.46
SE4139-A	04-Feb-18	77	M	African American	76.64
SE4140-A	25-Apr-18	65	F	Caucasian	33.82
SE4141-A	19-Apr-17	80	F	Caucasian	82.57
SE4142-A	08-Jul-18	49	M	Caucasian	9.9
SE4143-A	22-Sep-17	48	M	Caucasian	67.16
SE4144-A	08-Feb-17	40	F	Caucasian	89.25

SE4145-A	13-May-17	53	M	Caucasian	84.25
SE4146-A	15-Feb-17	70	F	Caucasian	17.68
SE4147-A	28-Oct-17	54	M	African American	77.49
SE4148-A	08-Aug-18	74	M	Caucasian	18.65
SE4149-A	14-Oct-17	85	F	Caucasian	52.13
SE4150-A	13-Jan-18	67	F	African American	74.93
SE4151-A	12-Jun-18	74	M	Caucasian	83.41
SE4152-A	25-May-17	40	F	Caucasian	77.49
SE4153-A	11-Jan-18	74	F	African American	8.92
SE4154-A	16-Sep-17	62	M	Caucasian	23.44
SE4155-A	04-Apr-17	58	F	Caucasian	8.92
SE4156-A	23-Jul-17	82	M	African American	72.36
SE4157-A	20-Jul-18	71	F	African American	23.44
SE4158-A	20-Nov-17	73	M	African American	11.86
SE4159-A	23-Jan-18	61	F	African American	7.94
SE4160-A	31-Mar-17	68	M	African American	20.57
SE4161-A	19-Aug-17	87	F	African American	57.49
SE4162-A	22-Oct-17	57	M	African American	52.13
SE4163-A	07-Dec-17	51	F	Caucasian	46.71
SE4164-A	03-Oct-17	75	M	African American	77.49
SE4165-A	28-Jul-18	81	F	Caucasian	60.15
SE4166-A	27-Mar-17	70	M	African American	47.62
SE4167-A	17-Sep-17	69	M	Caucasian	71.49
SE4168-A	07-Jun-17	54	M	Caucasian	60.15
SE4169-A	03-Jan-18	73	F	African American	85.09
SE4170-A	10-Nov-15	81	F	African American	57.49
SE4171-A	22-Mar-17	87	F	African American	40.31
SE4172-A	08-Jun-17	52	M	Caucasian	10.88
SE4173-A	11-Aug-18	56	F	African American	79.19
SE4174-A	30-Mar-15	51	F	African American	55.71
SE4175-A	19-Dec-16	43	F	Caucasian	90.91
SE4176-A	11-Apr-18	46	F	African American	5.96
SE4177-A	11-Feb-17	70	M	African American	28.18
SE4178-A	15-Jul-16	53	M	Caucasian	40.31
SE4179-A	05-Mar-18	76	F	Caucasian	23.44
SE4180-A	30-Jun-15	56	F	African American	76.64
SE4181-A	16-Jan-18	70	F	Caucasian	18.65
SE4182-A	05-Jun-18	79	M	African American	49.43
SE4183-A	03-Jun-17	68	F	African American	54.82
SE4184-A	24-Jul-18	63	F	African American	28.18
SE4185-A	21-May-18	87	F	African American	25.34
SE4186-A	13-Feb-15	86	M	African American	72.36
SE4187-A	23-Jul-16	87	F	Caucasian	29.13
SE4188-A	01-Jan-17	84	F	Caucasian	21.53

SE4189-A	25-Jul-15	62	M	Caucasian	47.62
SE4190-A	26-Nov-16	46	M	African American	80.04
SE4191-A	15-Feb-15	80	M	African American	81.73
SE4192-A	14-Mar-15	58	F	Caucasian	57.49
SE4193-A	01-Oct-15	66	F	Caucasian	56.6
SE4194-A	12-Jan-18	73	F	Caucasian	53.93
SE4195-A	08-Feb-17	58	M	Caucasian	41.23
SE4196-A	18-Feb-15	77	M	Caucasian	80.88
SE4197-A	04-Sep-15	70	F	Caucasian	52.13
SE4198-A	25-Jun-15	57	M	Caucasian	72.36
SE4199-A	08-Feb-18	83	F	Caucasian	43.06
SE4200-A	15-Mar-17	79	F	Caucasian	75.79
SE4201-A	23-Jul-15	58	M	African American	85.09
SE4202-A	27-Oct-15	85	M	Caucasian	74.07
SE4203-A	04-Apr-18	67	F	African American	57.49
SE4204-A	23-Oct-17	62	M	Caucasian	16.72
SE4205-A	13-May-15	44	F	Caucasian	78.34
SE4206-A	23-Dec-17	86	F	African American	9.9
SE4207-A	31-Dec-17	44	M	African American	66.29
SE4208-A	18-Jul-18	85	F	African American	51.23
SE4209-A	17-Apr-18	52	F	Caucasian	4.98
SE4210-A	14-May-17	66	F	Caucasian	21.53
SE4211-A	30-Jan-15	57	F	African American	33.82
SE4212-A	23-Jun-15	64	M	Caucasian	77.49
SE4213-A	14-Dec-17	77	F	Caucasian	18.65
SE4214-A	29-Nov-17	87	M	African American	65.42
SE4215-A	23-Feb-17	43	M	African American	40.31
SE4216-A	24-Aug-17	58	M	Caucasian	4.98
SE4217-A	20-Feb-18	40	F	Caucasian	61.03
SE4218-A	18-Feb-16	62	M	African American	37.54
SE4219-A	22-May-16	82	M	African American	55.71
SE4220-A	20-Oct-16	65	M	African American	40.31
SE4221-A	11-Jul-16	76	F	African American	21.53
SE4222-A	27-Mar-16	59	F	African American	68.03
SE4223-A	21-Mar-16	71	M	Caucasian	52.13
SE4224-A	07-Apr-16	82	F	Caucasian	68.9
SE4225-A	16-Jun-15	50	F	Caucasian	10.88
SE4226-A	09-Aug-18	69	M	Caucasian	53.93
SE4227-A	28-Jan-15	80	F	Caucasian	41.23
SE4228-A	28-Apr-16	56	F	Caucasian	90.91
SE4229-A	18-Jul-15	81	M	Caucasian	34.75
SE4230-A	14-Nov-15	57	M	African American	80.04
SE4231-A	14-Jan-16	52	F	African American	76.64
SE4232-A	12-Aug-15	78	M	Caucasian	43.06


SE4233-A	01-Jun-18	68	M	Caucasian	64.55
SE4234-A	10-Jan-16	46	M	African American	17.68
SE4235-A	14-Aug-16	72	F	Caucasian	54.82
SE4236-A	12-Mar-16	86	F	Caucasian	70.63
SE4237-A	16-Aug-15	64	M	African American	56.6
SE4238-A	23-May-15	63	F	African American	11.86
SE4239-A	16-Mar-18	48	F	African American	45.8
SE4240-A	25-Dec-17	60	F	Caucasian	43.06
SE4241-A	14-May-17	74	M	Caucasian	50.33
SE4242-A	01-Apr-18	53	F	Caucasian	46.71
SE4243-A	16-Dec-17	68	F	African American	75.79
SE4244-A	24-Sep-15	62	M	Caucasian	73.22
SE4245-A	14-Jul-15	63	F	Caucasian	76.64
SE4246-A	01-Jun-17	54	M	African American	47.62
SE4247-A	13-Oct-15	52	F	Caucasian	25.34
SE4248-A	12-Jan-16	65	M	Caucasian	73.22
SE4249-A	18-Nov-16	57	F	Caucasian	40.31
SE4250-A	04-Sep-17	44	M	Caucasian	53.03
SE4251-A	13-Oct-17	43	F	African American	75.79
SE4252-A	06-Feb-16	77	M	Caucasian	14.78
SE4253-A	21-Aug-16	65	M	African American	68.9
SE4254-A	11-Jan-15	74	F	Caucasian	37.54
SE4255-A	05-Nov-15	53	F	Caucasian	45.8
SE4256-A	31-Dec-17	57	F	Caucasian	69.77
SE4257-A	05-Jun-16	76	M	African American	43.98
SE4258-A	04-Mar-17	40	M	Caucasian	17.68
SE4259-A	22-Feb-18	54	F	African American	46.71
SE4260-A	09-Jan-16	50	M	African American	39.39
SE4261-A	31-Jan-18	86	F	African American	47.62
SE4262-A	12-Dec-15	47	M	African American	19.61
SE4263-A	28-May-15	49	M	African American	26.29
SE4264-A	29-Jan-16	81	M	Caucasian	13.81
SE4265-A	24-Oct-17	78	M	African American	53.93
SE4266-A	17-Jan-18	63	M	African American	76.64
SE4267-A	16-Jun-16	71	M	African American	69.77
SE4268-A	22-Jul-16	77	M	Caucasian	22.48
SE4269-A	06-Jan-18	71	F	Caucasian	70.63
SE4270-A	05-Jul-17	80	F	Caucasian	38.46
SE4271-A	17-Aug-15	46	F	African American	61.91
SE4272-A	28-Feb-15	67	M	African American	50.33
SE4273-A	28-May-18	76	F	Caucasian	60.15
SE4274-A	09-Sep-15	87	F	Caucasian	5.96
SE4275-A	15-Jan-18	42	F	African American	60.15
SE4276-A	01-Oct-17	44	F	African American	48.53

SE4277-A	25-Feb-18	46	M	African American	40.31
SE4278-A	01-Mar-18	51	M	Caucasian	28.18
SE4279-A	04-Jun-17	77	M	Caucasian	87.59
SE4280-A	16-Mar-18	45	F	Caucasian	47.62
SE4281-A	21-Jul-18	67	F	African American	88.42
SE4282-A	26-May-17	86	F	African American	35.68
SE4283-A	15-Aug-16	49	F	Caucasian	52.13
SE4284-A	21-Apr-15	70	M	Caucasian	88.42
SE4285-A	08-Apr-18	49	M	Caucasian	4.98
SE4286-A	19-May-18	53	F	African American	25.34
SE4287-A	13-Aug-17	84	F	African American	25.34
SE4288-A	14-Dec-16	80	M	African American	14.78
SE4289-A	30-Oct-16	62	M	Caucasian	55.71
SE4290-A	02-May-18	55	M	Caucasian	70.63
SE4291-A	01-Dec-16	74	M	African American	85.09
SE4292-A	22-Jul-17	83	F	Caucasian	29.13
SE4293-A	26-May-16	78	M	African American	25.34
SE4294-A	02-Dec-16	63	F	Caucasian	42.15
SE4295-A	18-Nov-16	55	M	African American	35.68
SE4296-A	25-Mar-17	48	F	African American	24.39
SE4297-A	13-Sep-16	52	F	African American	4.98
SE4298-A	06-Dec-15	61	M	Caucasian	86.76
SE4299-A	28-Feb-17	70	F	Caucasian	87.59
SE4300-A	27-Jun-15	77	M	Caucasian	79.19
SE4301-A	18-Sep-15	87	M	Caucasian	82.57
SE4302-A	02-Apr-18	65	M	Caucasian	58.38
SE4303-A	04-Jan-18	57	F	African American	40.31
SE4304-A	15-May-18	68	M	Caucasian	82.57
SE4305-A	04-Feb-18	49	M	African American	35.68
SE4306-A	12-Jan-18	58	M	Caucasian	85.92
SE4307-A	03-Aug-15	80	F	Caucasian	88.42
SE4308-A	02-Mar-17	54	M	Caucasian	21.53
SE4309-A	02-Aug-16	45	F	Caucasian	84.25
SE4310-A	08-Feb-15	67	M	Caucasian	61.03
SE4311-A	14-May-15	83	F	Caucasian	23.44
SE4312-A	10-Apr-16	72	M	African American	51.23
SE4313-A	12-Dec-16	84	F	African American	25.34
SE4314-A	02-Nov-15	84	M	African American	85.92
SE4315-A	31-Jul-16	76	F	African American	15.75
SE4316-A	24-Aug-16	56	M	Caucasian	66.29
SE4317-A	07-Jun-16	71	F	Caucasian	65.42
SE4318-A	01-Jun-15	81	M	Caucasian	43.98
SE4319-A	25-May-17	41	F	African American	32.88
SE4320-A	12-Feb-15	59	M	Caucasian	21.53

SE4321-A	21-Dec-15	83	F	African American	33.82
SE4322-A	04-Jun-17	43	M	African American	29.13
SE4323-A	13-Nov-16	42	M	African American	72.36
SE4324-A	03-Aug-17	48	F	African American	24.39

All samples collected within the United States

Quality Assurance Approval:

Signature:	
Date:	25 th August 2021