

## Performance data sheet

### Clearum™ HS series high flux dialyzers



#### Product description

The Clearum™ HS series high flux dialyzer is a single-use hemodialysis filter for acute or chronic therapies.

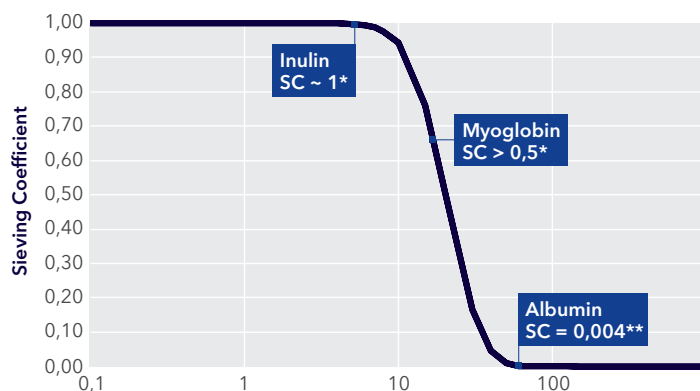
#### Clearance and UF coefficient performance

| Model | In vitro clearance <sup>††</sup> |                     |                     |                      | UF coefficient <sup>††</sup> |
|-------|----------------------------------|---------------------|---------------------|----------------------|------------------------------|
|       | Urea (mL/min)                    | Creatinine (mL/min) | Phosphates (mL/min) | Vitamin B12 (mL/min) | $k_{uf}$ (mL/h*mmHg)         |
| HS 13 | 246                              | 220                 | 205                 | 141                  | 42                           |
| HS 15 | 264                              | 240                 | 226                 | 160                  | 48                           |
| HS 17 | 266                              | 243                 | 231                 | 167                  | 55                           |
| HS 20 | 271                              | 253                 | 243                 | 184                  | 64                           |
| HS 22 | 275                              | 258                 | 248                 | 194                  | 70                           |

<sup>††</sup> In vitro clearance :  $Q_B = 300$  mL/min,  $Q_F = 10$  mL/min,  $Q_D = 500$  mL/min

<sup>††</sup> Ultrafiltration coefficient :  $Q_b = 300$  mL/min, bovine blood Hct = 32±3%, protein = 60±5 g/L

The performance data provided refers to in-vitro tests performed in accordance with ISO 8637-1. The values indicated are to be considered approximate and may vary due to measurement methods, inherent variations of the membrane, manufacturing and storage conditions. During the treatment, performance on the individual patient may vary due to variable clinical parameters of the patient.<sup>1</sup>



#### Sieving coefficient<sup>1</sup>

|            |       |
|------------|-------|
| Inulin*    | ~1    |
| Myoglobin* | > 0.5 |
| Albumin**  | 0.004 |

#### MW (kDa)

\*Sieving Coefficient values as per IFU

\*\*Experimental mean value within the limit of ≤ 0.01 as reported in the IFU

#### Ordering information and product codes

| Product Code | Name           | Description  | GMDN         |
|--------------|----------------|--|--------------|
| IBP4370      | CLEARUM™ HS 13 | 1.3 m <sup>2</sup> high - flux dialyzer sterilized by moist heat | 44601, 47072 |
| IBP4371      | CLEARUM™ HS 15 | 1.5 m <sup>2</sup> high - flux dialyzer sterilized by moist heat | 44601, 47072 |
| IBP4372      | CLEARUM™ HS 17 | 1.7 m <sup>2</sup> high - flux dialyzer sterilized by moist heat | 44601, 47072 |
| IBP4373      | CLEARUM™ HS 20 | 2.0 m <sup>2</sup> high - flux dialyzer sterilized by moist heat | 44601, 47072 |
| IBP4374      | CLEARUM™ HS 22 | 2.2 m <sup>2</sup> high - flux dialyzer sterilized by moist heat | 44601, 47072 |

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1. Clearum™ HS series high flux dialyzers [instructions for use]. Mansfield, Ma: Medtronic; 2019.